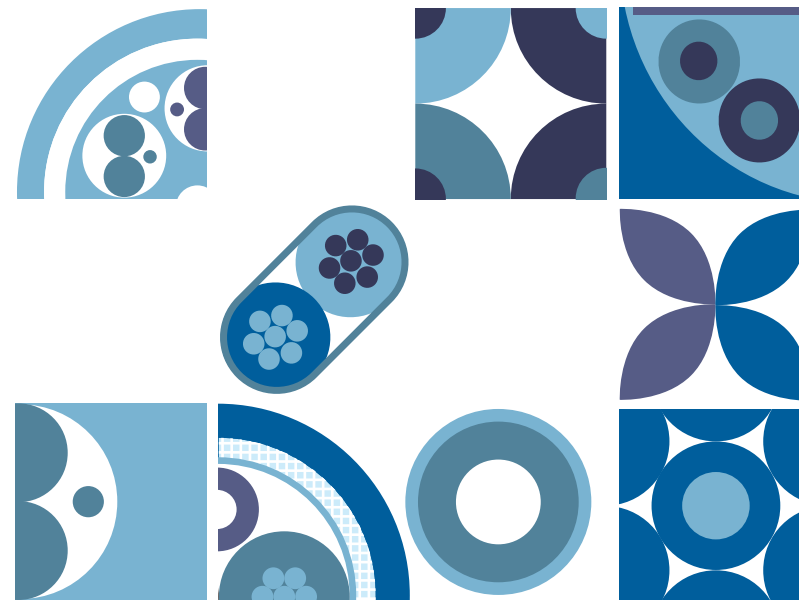






Catalogue



Welcome to CTi

your trustworthy cable partner

CTi is a high speed data & customized cable specialist dedicated to high quality product solutions and services for world class customers.

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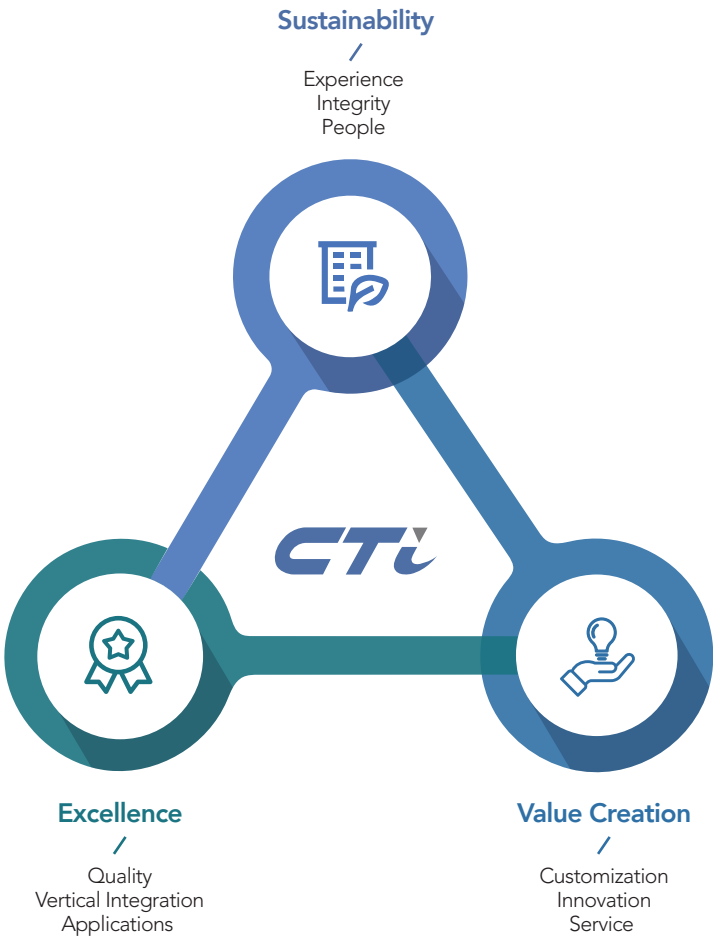
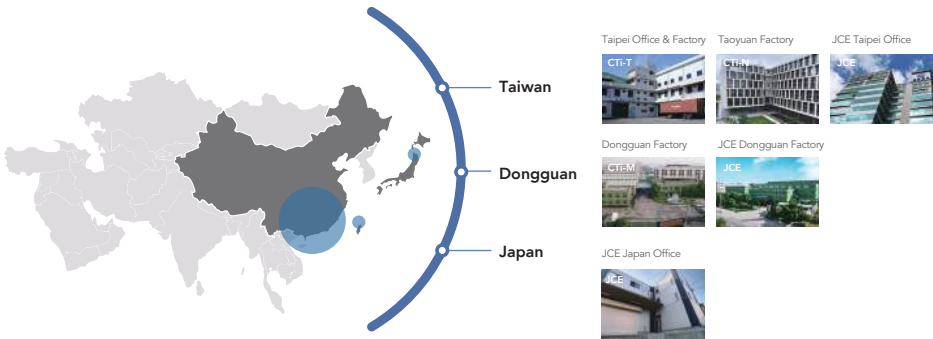
77

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81

Special Application
Customization

Locations



Sustainability

Experience

Established in 1963 as a steel wire company, CTi has transformed into a data and signal wire & cable specialist since 1981.

With more than 40 years of experience in this industry, we have withstood the test of time, and accumulated invaluable knowledge, expertise and resources in providing high frequency data and signal cabling solutions.

Integrity

We have the strongest commitment to integrity and honesty, which are deeply embedded in our corporate culture and in the hearts and actions of our people.

Because of our product quality and reliability as a long-term strategic partner to our customers, CTi has become the most trusted manufacturer and supplier of cabling solutions for some of the biggest and most renowned networking and connectivity brands in the world.

People

People is our most important asset. CTi invests heavily in the welfare, training, and work environment of our people. Whether in Taiwan or in China, CTi has one of the most stable, loyal and experienced workforces in the industry.

A highly stable, healthy, happy and dedicated team means higher production efficiency, consistency in product quality and customer service, naturally with our customers becoming the ultimate beneficiaries.

Excellence

Quality

"Quality is our Dignity" is our motto and commitment. CTi self-demands craftsmanship out of cable production.

CTi has the most stringent quality system in place, world class manufacturing facilities and machineries (made in Sweden, Germany, UK, Japan etc), and advanced testing laboratories.

CTi has numerous awards for quality excellence, and extensive certifications in performance and safety, including ISO (9001, 14000, 13485), UL, ETL, DELTA, HDMI, MHL, RoHS, REACH etc.

Vertical Integration

CTi has its own cable manufacturing and assembly facilities in Taiwan and China, allowing for full integration to take place, from product design and development, to the production of raw cables, to assembling into finished products, which means more flexibility, better production control, quality and performance, all of which are value creation for our customers.

Applications

We have a very comprehensive product portfolio. We specialize in data networking (ethernet) cables and patch cords, DHC (Digital High-speed Cables) and assembly (HDMI, DP, USB, IT peripherals and consumer electronics), medical cables and tubes for hospital and surgical applications, and industrial cables and assemblies for harsh and demanding industrial environments.

Value Creation

Customization

We are highly flexible in the way we provide our professional service, including through ODM & OEM, customized co-development, components, and total solutions. In the fast-moving world that is forever seeking higher speed, more data transmission, longer distance and special applications, we also work closely with our customers to provide customized interconnect solutions tailored to their specific needs.

Innovation

We have a strong and experienced R&D team committed to innovative product design and development. We roll out new products and release product roadmaps to our customers on a regular basis to keep them at the forefront of the latest engineering advancements, and to give them the widest range of choices available to capitalize on market opportunities.

We also invest heavily in automation and aspire towards intelligent manufacturing, which are integral to achieving efficient and stable productions and timely deliveries.

Service

Professional and intimate service is one of the most important reasons why our customers choose CTi. Whether it be product enquiries, special designs and packaging, deliveries and logistics, CTi is highly specialized, creative and versatile in problem solving and innovative solutions.

In this fast-changing and increasingly complex business environment, CTi stands with its customers every step of the way to provide the best support and solutions to tackle the everyday challenges they may come across.

Certification

Quality System

- ISO9001, 14001, 13485, 45001
- RoHS, REACH, CE

Networking

- UL
- ETL
- DELTA

DHC

- HDMI Forum
- USB-IF
- USB-MFI
- VESA

Industrial

- PROFINET
- OPEN ALLIANCE

Medical

- SGS



Icons

Physical Parameters



Flame Resistant



Oil Resistant



Halogen-Free



Temperature



UV Resistant



Water Resistant



Rodent Resistant



Staphylococcus Aureus



Escherichia Coli



High Flex

Electrical Parameters



Power over Data Line



Power over Ethernet

Image Resolution



Function



High-Bandwidth Digital Content Protection 2.2



Audio Return Channel



Enhanced Audio Return Channel



Data Transfer Rate



Standard



Restriction of Hazardous Substances



Waste Electrical and Electronic Equipment



Registration, Evaluation, Authorization and Restriction of Chemicals



Communate Europepe Marking



SMPTE ST 2082-1



SMPTE ST 2081

Association / Certification Trademark



International Organization for Standardization



Telecommunications Industry Association



Underwriter Laboratories Inc.



HDBaseT



Profinet



IO-Link



EtherCAT



SPE



DisplayPort



HDMI



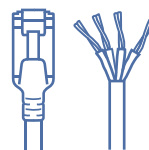
USB™ 240W/80Gbps



USB™ 80Gbps



USB™ 240W



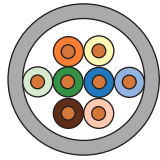
Networking

LAN Cable
LAN Patch Cord

-
- Data transmission
 - Signal communication
 - Power delivery POE applications
 - Data center applications
 - Building networking applications
 - UL, CPR certified flame-retardant cables for buildings and distribution systems

LAN Solid Cable

Cat.5e Cable | U/UTP



Data Sheet No.

LA0005

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801 class D

Applications

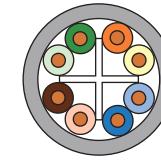
1000BASE-T

Frequency

100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GAL2001	Solid	24	5.2 +/- 0.5	0.2 +/- 0.02"	FRPVC (UL444 CM)	Un-reel box(305m) Reel in box(305m) Drum(305m)
GAL2003	Solid	24	5.3 +/- 0.5	0.21 +/- 0.02"	FRPVC (UL444 CMR)	Un-reel box(305m) Reel in box(305m) Drum(305m)
GAL2004	Solid	24	4.5 +/-0.5	0.18 +/- 0.02"	FRPVC (UL444 CMP)	Reel in box(305m) Drum(305m)
GAL2005	Solid	24	4.9 +/- 0.5	0.19 +/- 0.02"	PVC (IEC 60332-1)	Un-reel box(305m) Reel in box(305m) Drum(305m)
GAL2009	Solid	24	4.9 +/- 0.5	0.19 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	Un-reel box(305m) Reel in box(305m) Drum(305m)
GAL2013	Solid	24	5.2 +/- 0.5	0.2 +/- 0.02"	PE	Drum(305m)

Cat.6 Cable | U/UTP



Data Sheet No.

LA0009

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801 class E

Applications

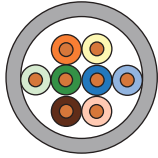
1000BASE-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBL2005	Solid	23	5.7 +/- 0.5	0.23 +/- 0.02"	PVC (IEC 60332-1)	Un-reel box(305m) Reel in box(305m) Drum(500m)
GBL2002	Solid	23	5.8 +/-0.5	0.23 +/-0.02"	PVC (UL444 CMX)	
GBL2001	Solid	23	5.7 +/-0.5	0.23 +/- 0.02"	FRPVC (UL444 CM)	
GBL2003	Solid	23	5.9 +/-0.5	0.24 +/-0.02"	FRPVC (UL444 CMR)	
GBL2004	Solid	23	5.3 +/-0.5	0.21 +/-0.02"	FRPVC (UL444 CMP)	
GBL2009	Solid	23	5.7 +/-0.5	0.23 +/-0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBL2010	Solid	23	5.7 +/-0.5	0.23 +/- 0.02"	LSZH (EN50399 Dca)	
GBL2011	Solid	23	6.0 +/-0.5	0.23 +/-0.02"	FRLSZH (EN50399 Cca)	
GBL2012	Solid	23	6.0 +/-0.5	0.24 +/-0.02"	FRLSZH (EN50399 B2ca)	
GBL2013	Solid	23	6.0 +/-0.5	0.23 +/-0.02"	PE	
GAR2001	Solid	24	5.7 +/-0.5	0.22 +/-0.02"	FRPVC (UL444 CM)	Un-reel box(305m) Reel in box(305m) Drum(500m)
GAR2003	Solid	24	5.7 +/-0.5	0.22 +/-0.02"	FRPVC (UL444 CMR)	
GAR2005	Solid	24	5.4 +/-0.5	0.21 +/- 0.02"	PVC (IEC 60332-1)	
GAR2009	Solid	24	5.4 +/-0.5	0.21 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GAR2010	Solid	24	5.4 +/- 0.5	0.21 +/- 0.02"	LSZH (EN50399 Dca)	
GAR2011	Solid	24	5.8 +/-0.5	0.23 +/- 0.02"	FRLSZH (EN50399 Cca)	
GAR2012	Solid	24	5.8 +/- 0.5	0.23 +/-0.02"	FRLSZH (EN50399 B2ca)	
GAR2027	Solid	24	6.3 +/-0.5	0.25 +/-0.02"	PE	

Cat.6 Cable | U/UTP (without Crossfiller)



Data Sheet No.

LA0010

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801 class E

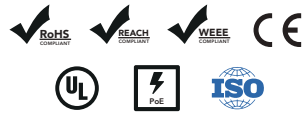
Applications

1000BASE-T

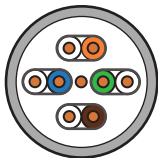
Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBL2016	Solid	23	5.8 +/- 0.5	0.23 +/- 0.02"	FRPVC (UL444 CMR)	Un-reel box(305m) Reel in box(305m) Drum(500m)
GBL2017	Solid	23	5 +/- 0.5	0.2 +/- 0.02"	FRPVC (UL444 CMP)	Un-reel box(305m) Reel in box(305m) Drum(500m)
GBL2028	Solid	23	5.7 +/- 0.5	0.22 +/- 0.02"	FRPVC (UL444 CMP)	Un-reel box(305m) Reel in box(305m) Drum(500m)



Cat.6 Cable | U/FTP



Data Sheet No.

LA0011

Standard

ISO/IEC 11801 class E

Applications

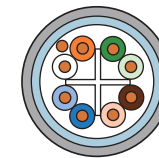
1000BASE-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBC2001	Solid	23	6.6 +/- 1	0.26 +/- 0.04"	FRPVC (UL444 CM)	Drum(500m)
GBC2009	Solid	23	6.4 +/- 1	0.25 +/- 0.04"	LSZH (IEC 60332-1) (EN50399 Eca)	Drum(500m)

Cat.6 Cable | F/UTP



Data Sheet No.

LA0012

Standard

ISO/IEC 11801 class E

Applications

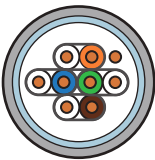
1000BASE-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBH2001	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	FRPVC (UL444 CM)	
GBH2003	Solid	23	7.4 +/- 0.5	0.29 +/- 0.02"	FRPVC (UL444 CMR)	
GBH2009	Solid	23	7.2 +/- 0.5	0.29 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBH2010	Solid	23	7.2 +/- 0.5	0.29 +/- 0.02"	LSZH (EN50399 Dca)	
GBH2011	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	FRLSZH (EN50399 Cca)	
GBH2012	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	FRLSZH (EN50399 B2ca)	Drum(500m)
GBH2013	Solid	23	7.5 +/- 0.5	0.3 +/- 0.02"	PE	
GBH2017	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	PVC (IEC 60332-1)	
GBH2021	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBH2022	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	LSZH (EN50399 Dca)	
GBH2025	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	PE	

Cat.6 Cable | F/FTP



Data Sheet No.
LA0013

Standard
ANSI/TIA 568.2-D
ISO/IEC 11801 class E

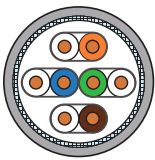
Applications
1000BASE-T

Frequency
250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBC2036	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	Drum(500m)
GBC2037	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"		



Cat.6 Cable | S/FTP



Data Sheet No.
LA0014

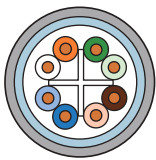
Standard
ANSI/TIA 568.2-D

Applications
1000BASE-T

Frequency
250MHz

CTI Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBC2020	Solid	23	7.1 +/- 0.5	0.28 +/- 0.02"	PVC (IEC 60332-1)	Drum(500m)
GBC2038	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"		
GBC2024	Solid	23	7.1 +/- 0.5	0.27 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBC2039	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"		
GBC2025	Solid	23	7.1 +/- 0.5	0.27 +/- 0.02"	LSZH (EN50399 Dca)	
GBC2040	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"		
GBC2015	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	PUR (IEC 60332-1)	
GBC2043	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	PE	

Cat.6A Cable | U/UTP



Data Sheet No.
LA0015

Standard
ANSI/TIA 568.2-D
ISO/IEC 11801 class EA

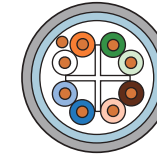
Applications
10GBASE-T

Frequency
500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBQ2013	Solid	23	7.05 +/- 0.5	0.28 +/- 0.02"	FRPVC (UL444 CM)	Drum(500m)
GBQ2015	Solid	23	7.05 +/- 0.5	0.28 +/- 0.02"	FRPVC (UL444 CMR)	Drum(500m)
GBQ2016	Solid	23	6.7 +/- 0.5	0.26 +/- 0.02"	FRPVC (UL444 CMP)	Drum(500m)
GBQ2021	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1)	Drum(500m)
GBQ2022	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	Drum(500m)
GBQ2023	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	FRLSZH (EN50399 Cca)	Reel in Box(305m) Drum(500m)
GBQ2025	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	FRLSZH (EN50399 B2ca)	Drum(500m)



Cat.6A Cable | F/UTP



Data Sheet No.

LA0017

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801 class EA

Applications

10GBASE-T

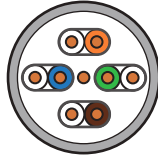
Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBR2014	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	FRPVC (UL444 CM)	Drum(500m)
GBR2016	Solid	23	7.4 +/- 0.5	0.29 +/- 0.02"	FRPVC (UL444 CMR)	
GBR2018	Solid	23	7.4 +/- 0.5	0.29 +/- 0.02"	PVC (IEC 60332-1) (EN50399 Eca)	
GBR2022	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBR2023	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	
GBR2024	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	FRLSZH (EN50399 Cca)	Drum(500m)
GBR2025	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	FRLSZH (EN50399 B2ca)	
GBR2026	Solid	23	7.4 +/- 0.5	0.29 +/- 0.02"	PE	
GBR2005	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	PVC (IEC 60332-1)	
GBR2009	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBR2010	Solid	24	6.8 +/- 0.5	0.27 +/- 0.02"	LSZH (EN50399 Dca)	



Cat.6A Cable | U/FTP



Data Sheet No.

LA0016

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801 class EA

Applications

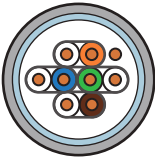
10GBASE-T

Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBK2001	Solid	23	6.6 +/- 0.5	0.26 +/- 0.02"	FRPVC (UL444 CM)	Drum(500m)
GBK2005	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	PVC (IEC 60332-1)	
GBK2044	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	PVC (IEC 60332-1)	
GBK2009	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBK2045	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBK2010	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (EN50399 Dca)	Drum(500m) Reelex(305m)
GBK2011	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	FRLSZH (EN50399 Cca)	
GBK2012	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	FRLSZH (EN50399 B2ca)	Drum(500m)
GBK2050	Solid	23	7.3 +/- 0.5	0.29 +/- 0.02"	PVC (UL444 CM)	
GBK2049	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	

Cat.6A Cable | F/FTP



Data Sheet No.
LA0018

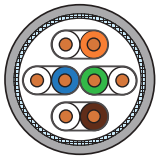
Standard
ANSI/TIA 568.2-D
ISO/IEC 11801 class EA

Applications
10GBASE-T

Frequency
500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBK2022	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	Drum(500m)
GBK2042	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBK2023	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (EN50399 Dca)	
GBK2043	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	
GBK2024	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	FRLSZH (EN50399 Cca)	Drum(500m) Reelex(305m)
GBK2025	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	FRLSZH (EN50399 B2ca)	Drum(500m)

Cat.6A Cable | S/FTP



Data Sheet No.
LA0019

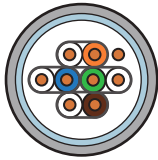
Standard
ANSI/TIA 568.2-D
ISO/IEC 11801 class EA

Applications
10GBASE-T

Frequency
500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBK2031	Solid	23	7.1 +/- 0.5	0.28 +/- 0.02"	PVC (IEC 60332-1)	Drum(500m)
GBK2035	Solid	23	7.1 +/- 0.5	0.27 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBK2040	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	
GBK2036	Solid	23	7.1 +/- 0.5	0.27 +/- 0.02"	LSZH (EN50399 Dca)	
GBK2041	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	
GBK2037	Solid	23	7.1 +/- 0.5	0.27 +/- 0.02"	FRLSZH (EN50399 Cca)	

Cat.7 Cable | F/FTP



Data Sheet No.
LA0020

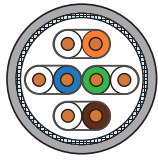
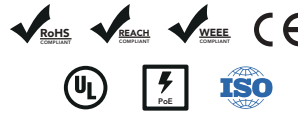
Standard
ISO/IEC 11801 class F

Applications
10GBASE-T

Frequency
600MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBS2009	Solid	23	6.6 +/- 0.5	0.26 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	Drum(500m)
GBS2010	Solid	23	6.6 +/- 0.5	0.26 +/- 0.02"	LSZH (EN50399 Dca)	
GBS2011	Solid	23	6.4 +/- 0.5	0.25 +/- 0.02"	LSZH (EN50399 Cca)	

Cat.7 Cable | S/FTP



Data Sheet No.
LA0021

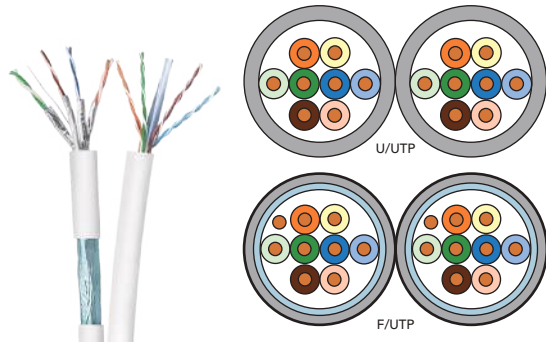
Standard
ISO/IEC 11801 class F

Applications
10GBASE-T

Frequency
600MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBJ2009	Solid	23	7.1 +/- 0.5	0.28 +/- 0.02"	LSZH (IEC 60332-1) (EN50399 Eca)	Drum(500m)
GBJ2010	Solid	23	7.1 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Dca)	
GBJ2011	Solid	23	7.0 +/- 0.5	0.28 +/- 0.02"	LSZH (EN50399 Cca)	

Dual | Cat.5e Cable



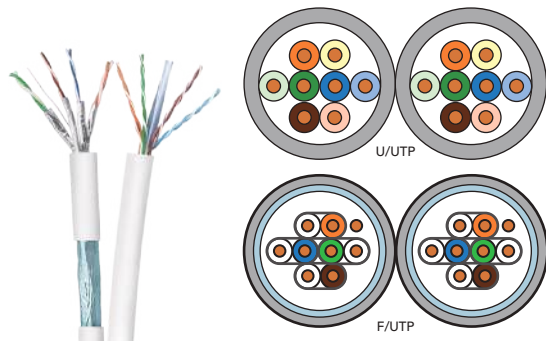
Data Sheet No. LA0024
Standard ISO/IEC 11801 class D

Applications 1000BASE-T
Frequency 100MHz

CTi Cable Code	Construction	Conductor	AWG	OD(mm)	Outer Jacket	Packing
GAL2014	U/UTP	Solid	24	4.9x10.2 +/- 0.5	LSZH (IEC 60332-1)	Drum(500m)
GAK2014	F/UTP	Solid	24	5.9x12.6 +/- 0.5		



Dual | Cat.6 Cable

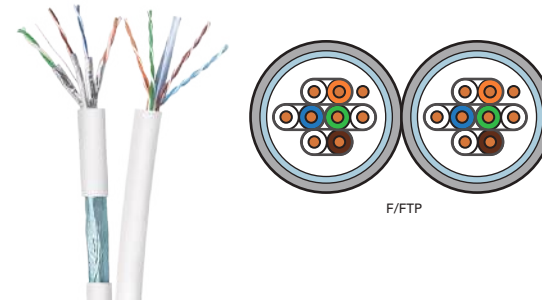


Data Sheet No. LA0024
Standard ANSI/TIA 568.2-D
ISO/IEC 11801 class E

Applications 1000BASE-T
Frequency 250MHz

CTi Cable Code	Construction	Conductor	AWG	OD(mm)	Outer Jacket	Packing
GBL2027	U/UTP	Solid	23	6.2x12.7 +/- 0.5	PVC	Drum(500m)
GAR2028	U/UTP	Solid	24	5.4x11.1 +/- 0.5	LSZH (EN50399 Dca)	Un-reel box(305m) Drum(500m)
GAR2029	U/UTP	Solid	24	5.8x11.9 +/- 0.5	LSZH (EN50399 Cca)	
GBC2041	F/FTP	Solid	23	6.4x13.1 +/- 0.5	LSZH (EN50399 Dca)	Drum(500m)
GBC2042	F/FTP	Solid	23	6.4x13.1 +/- 0.5	LSZH (EN50399 Dca)	

Dual | Cat.6A Cable



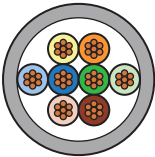
Data Sheet No. LA0024
Standard ISO/IEC 11801 class EA

Applications 1000Base-T
Frequency 500MHz

CTi Cable Code	Construction	Conductor	AWG	OD(mm)	Outer Jacket	Packing
GBK2048	F/FTP	Solid	23	6.4x13.1 +/- 0.5	LSZH (IEC 60332-1)	Drum(500m)
GBK2051	F/FTP	Solid	23	6.4x13.1 +/- 0.5	LSZH (EN50399 Cca)	Drum(500m)

LAN Patch Cable

Cat.5e Cable | U/UTP



Data Sheet No.
na

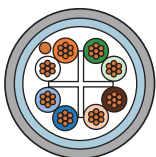
Standard
AANSI/TIA 568.2-D
ISO/IEC 11801

Applications
1000BASE-T

Frequency
100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MUU5E2401	Patch	24	5.5+/- 0.15	0.22+/-0.005"	PVC (UL444 CM)	Drum(305m)
GAD2001	Patch	26	5.6+/- 0.5	0.22+/-0.02"	PVC (UL444 CM)	
GAD2005	Patch	26	5.6+/- 0.5	0.22+/-0.02"	PVC (IEC 60332-1)	
GAD2009	Patch	26	5.6+/- 0.5	0.22+/-0.02"	LSZH (IEC 60332-1)	
MUU5E2405	Patch	26	5.4+/- 0.15	0.21+/-0.005"	PVC (IEC 60332-1)	
MUU5E2409	Patch	26	5.5+/- 0.15	0.22+/-0.005"	LSZH (IEC 60332-1)	
MUU5E2605	Patch	26	4.2+/-0.15	0.17+/-0.005"	PVC (IEC 60332-1)	
MUU5E2609	Patch	26	4.2+/- 0.15	0.17+/-0.005"	LSZH (IEC 60332-1)	
MUU5E2805	Patch	28	3.9+/- 0.1	0.15+/-0.003"	PVC (IEC 60332-1)	

Cat.5e Cable | F/UTP



Data Sheet No.
na

Standard
ANSI/TIA 568.2-D
ISO/IEC 11801

Applications
1000BASE-T

Frequency
100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MFU5E2401	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	Drum(500m)
MFU5E2405	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MFU5E2601	Patch	26	5.3+/- 0.15	0.21+/- 0.005"	PVC (UL444 CM)	
MFU5E2605	Patch	26	5.3+/- 0.15	0.21+/- 0.005"	PVC (IEC 60332-1)	
MFU5E2609	Patch	26	5.4+/- 0.15	0.21+/- 0.005"	LSZH (IEC 60332-1)	
MFU5E2801	Patch	28	4.8+/- 0.15	0.19+/- 0.005"	PVC (UL444 CM)	
MFU5E2805	Patch	28	4.8+/- 0.15	0.19+/- 0.005"	PVC (IEC 60332-1)	
MFU5E3005	Patch	30	4.0+/-0.15	0.16+/- 0.005"	PVC (IEC 60332-1)	

Cat.5e Cable | SF/UTP



Data Sheet No.
na

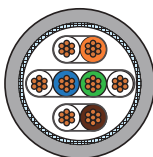
Applications
1000BASE-T

Standard
ANSI/TIA 568.2-D
ISO/IEC 11801

Frequency
100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MDU5E2405	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	Drum(305m)
GAU2005	Patch	26	5.4 +/- 0.5	0.21+/- 0.02"	PVC (IEC 60332-1)	
MDU5E2605	Patch	26	5.7+/- 0.15	0.22+/- 0.005"	PVC (IEC 60332-1)	
MDU5E2609	Patch	26	5.7+/- 0.15	0.22+/- 0.005"	LSZH (IEC 60332-1)	
MDU5E2805	Patch	28	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MDU5E3005	Patch	30	3.6+/- 0.1	0.14+/- 0.003"	PVC (IEC 60332-1)	

Cat.5e Cable | S/FTP



Data Sheet No.
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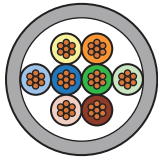
Applications
1000BASE-T

Standard
ANSI/TIA 568.2-D
ISO/IEC 11801

Frequency
100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MSF5E2605	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	Drum(500m)

Cat.6 Cable | U/UTP



Data Sheet No.

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Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

Applications

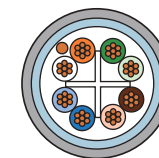
1000Base-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MUU24C601	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	Drum(305m)
MUU24C605	Patch	24	5.4+/- 0.15	0.21+/- 0.005"	PVC (IEC 60332-1)	
MUU24C609	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	
MUU26C601	Patch	26	5.4+/- 0.15	0.21+/- 0.005"	PVC (UL444 CM)	
MUU26C605	Patch	26	5.4+/- 0.15	0.21+/- 0.005"	PVC (IEC 60332-1)	
MUU26C609	Patch	26	4.2+/- 0.15	0.17+/-0.005"	LSZH (IEC 60332-1)	
MUU28C601	Patch	28	4.2+/- 0.15	0.17+/-0.005"	PVC (UL444 CM)	
MUU28C605	Patch	28	4.2+/- 0.15	0.17+/-0.005"	PVC (IEC 60332-1)	
MUU28C609	Patch	28	3.9+/- 0.1	0.15+/-0.003"	LSZH (IEC 60332-1)	
MUU30C609	Patch	30	3.2+/- 0.1	0.13+/-0.003"	LSZH (IEC 60332-1)	
MUU32C609	Patch	32	2.8+/- 0.1	0.11+/-0.003"	LSZH (IEC 60332-1)	
MUU32C611	Patch	32	2.9+/- 0.1	0.11+/-0.003"	TPE (IEC 60332-1)	
MUU34C611	Patch	34	2.6+/- 0.1	0.10+/-0.003"	TPE (IEC 60332-1)	

Cat.6 Cable | F/UTP



Data Sheet No.

na

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

Applications

1000Base-T

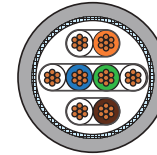
Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MFU24C605	Patch	24	6.9+/- 0.15	0.27+/- 0.005"	PVC (IEC 60332-1)	Drum(500m)
MFU26C601	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	
MFU26C605	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MFU26C609	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	



Cat.6 Cable | S/FTP



Data Sheet No.

na

Applications

1000Base-T

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

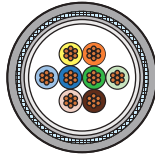
Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MSF24C601	Patch	24	7.3+/- 0.15	0.29+/- 0.005"	PVC (UL444 CM)	Drum(500m)
MSF24C605	Patch	24	7.3+/- 0.15	0.29+/- 0.005"	PVC (IEC 60332-1)	
MSF26C601	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	
MSF26C605	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MSF26C606	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (UL444 CM)	
MSF26C609	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	
MSF27C605	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	PVC (IEC 60332-1)	
MSF27C606	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	LSZH (UL444 CM)	
MSF27C609	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	LSZH (IEC 60332-1)	
MSF28C605	Patch	28	5.6+/- 0.15	0.22+/- 0.005"	PVC (IEC 60332-1)	
MSF28C606	Patch	28	5.6+/- 0.15	0.22+/- 0.005"	LSZH (UL444 CM)	
MSF28C609	Patch	28	5.6+/- 0.15	0.22+/- 0.005"	LSZH (IEC 60332-1)	
MSF30C609	Patch	30	4.5+/- 0.15	0.18+/- 0.005"	LSZH (IEC 60332-1)	
MSF32C605	Patch	32	4.4+/- 0.15	0.17+/- 0.005"	PVC (IEC 60332-1)	



Cat.6 Cable | SF/UTP



Data Sheet No.

na

Applications

1000Base-T

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

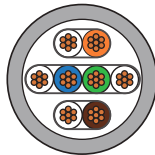
Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MDU26C601	Patch	26	6.5+/- 0.15	0.26+/- 0.005"	PVC (UL444 CM)	Drum(500m)
MDU26C605	Patch	26	6.5+/- 0.15	0.26+/- 0.005"	PVC (IEC 60332-1)	
MDU26C609	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	



Cat.6 Cable | U/FTP



Data Sheet No.

na

Applications

1000Base-T

Standard

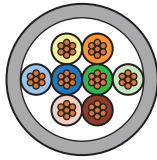
ANSI/TIA 568.2-D
ISO/IEC 11801

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MUF26C609	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	Drum(500m)

Cat.6A Cable | U/UTP



Data Sheet No.

na

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

Applications

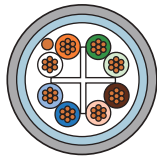
10GBASE-T

Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MUU246A01	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	Drum(500m)
MUU246A05	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MUU246A09	Patch	24	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	

Cat.6A Cable | F/UTP



Data Sheet No.

na

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

Applications

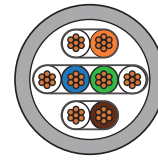
10GBASE-T

Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBT2009	Patch	26	5.9 +/- 0.5	0.31 +/- 0.02"	LSZH (IEC 60332-1)	Drum(500m)

Cat.6A Cable | U/FTP



Data Sheet No.

na

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

Applications

10GBASE-T

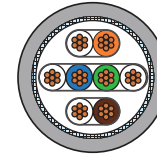
Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBP2001	Patch	26	5.7 +/- 0.5	0.22 +/- 0.02"	PVC (UL444 CM)	Drum(500m)
GBP2005	Patch	26	5.6 +/- 0.5	0.22 +/- 0.02"	PVC (IEC 60332-1)	
GBP2009	Patch	26	5.6 +/- 0.5	0.22+/- 0.02"	LSZH (IEC 60332-1)	
MUF266A01	Patch	26	5.8+/- 0.15	0.23+/- 0.005"	PVC (UL444 CM)	
MUF266A05	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MUF266A09	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	
MUF276A05	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	PVC (IEC 60332-1)	
MUF286A01	Patch	28	4.8+/- 0.15	0.19+/- 0.005"	PVC (UL444 CM)	
MUF286A05	Patch	28	4.8+/- 0.15	0.19+/- 0.005"	PVC (IEC 60332-1)	
MUF286A06	Patch	28	4.8+/- 0.15	0.19+/- 0.005"	LSZH (UL444 CM)	
MUF286A09	Patch	28	4.8+/-0.15	0.19+/- 0.005"	LSZH (IEC 60332-1)	
MUF306A09	Patch	30	4.2+/-0.15	0.17+/- 0.005"	LSZH (IEC 60332-1)	
MUF326A09	Patch	32	4.0+/-0.15	0.16+/- 0.005"	LSZH (IEC 60332-1)	



Cat.7 Cable | S/FTP



Data Sheet No.

na

Applications

10GBASE-T

Standard

ANSI/TIA 568.2-D
ISO/IEC 11801

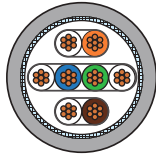
Frequency

600MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MSF24C705	Patch	24	7.5+/- 0.15	0.3+/- 0.005"	PVC (IEC 60332-1)	Drum(500m)
GAE2017	Patch	26	5.8 +/- 0.5	0.23+/- 0.02"	LSZH (IEC 60332-1)	
GAE2018	Patch	26	6.7 +/- 0.5	0.26+/- 0.02"	PVC (IEC 60332-1)	
MSF26C706	Patch	26	6.0+/-0.15	0.24+/- 0.005"	LSZH (UL444 CM)	
MSF26C709	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	
GAM2009	Patch	27	5.7 +/- 0.5	0.22+/- 0.02"	LSZH (IEC 60332-1)	
MSF27C705	Patch	27	5.7+/- 0.15	0.22+/- 0.02"	PVC (IEC 60332-1)	
MSF27C706	Patch	27	5.8+/- 0.15	0.23+/- 0.02"	LSZH (UL444 CM)	
MSF27C709	Patch	27	5.8+/- 0.15	0.23+/- 0.02"	LSZH (IEC 60332-1)	



Cat.6A Cable | S/FTP



Data Sheet No.

na

Applications

10GBASE-T

Standard

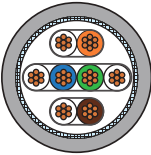
ANSI/TIA 568.2-D
ISO/IEC 11801

Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
MSF246A01	Patch	24	7.3+/- 0.15	0.29+/- 0.005"	PVC (UL444 CM)	Drum(500m)
MSF246A05	Patch	24	7.3+/- 0.15	0.29+/- 0.005"	PVC (IEC 60332-1)	
GAE2001	Patch	26	5.8 +/- 0.5	0.23+/- 0.02"	PVC (UL444 CM)	
GAE2005	Patch	26	5.8 +/- 0.5	0.23+/- 0.02"	PVC (IEC 60332-1)	
GAE2009	Patch	26	5.6 +/- 0.5	0.22+/- 0.02"	LSZH (IEC 60332-1)	
MSF266A01	Patch	26	6.2+/- 0.15	0.24+/- 0.005"	PVC (UL444 CM)	
MSF266A05	Patch	26	6.0+/- 0.15	0.24+/- 0.005"	PVC (IEC 60332-1)	
MSF266A06	Patch	26	6.1+/- 0.15	0.24+/- 0.005"	LSZH (UL444 CM)	
MSF266A09	Patch	26	6.1+/- 0.15	0.24+/- 0.005"	LSZH (IEC 60332-1)	
GBM2001	Patch	27	5.7 +/- 0.5	0.22+/- 0.02"	PVC (UL444 CM)	
GBM2009	Patch	27	5.7 +/- 0.5	0.22+/- 0.02"	LSZH (IEC 60332-1)	
MSF276A09	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	LSZH (IEC 60332-1)	
MSF276A06	Patch	27	5.7+/- 0.15	0.22+/- 0.005"	LSZH (UL444 CM)	
MSF286A05	Patch	28	5.6+/- 0.15	0.22+/- 0.005"	PVC (IEC 60332-1)	
MSF286A09	Patch	28	5.6+/- 0.15	0.22+/- 0.005"	LSZH (IEC 60332-1)	
MSF306A05	Patch	30	4.5+/- 0.15	0.18+/- 0.005"	PVC (IEC 60332-1)	
MSF306A09	Patch	30	4.5+/- 0.15	0.18+/- 0.005"	LSZH (IEC 60332-1)	
MSF326A05	Patch	32	4.3+/- 0.15	0.17+/- 0.005"	PVC (IEC 60332-1)	
MSF326A09	Patch	32	4.0+/- 0.15	0.16+/- 0.005"	LSZH (IEC 60332-1)	

Cat.7A Cable | S/FTP

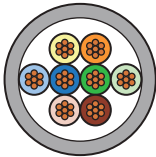


Data Sheet No.	Standard
na	ANSI/TIA 568.2-D ISO/IEC 11801
Applications	Frequency
10GBASE-T	1000MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GAX2009	Patch	26	5.4 +/- 0.5	0.21+/- 0.02"	LSZH (IEC 60332-1)	Drum(500m)

LAN Patch Cord

Cat.6 Patch Cord | U/UTP



Data Sheet No.
PC0006

Standard
ANSI/TIA 568.2-D
ISO / IEC 11801

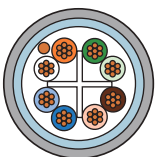
Applications
1000BASE-T

Frequency
250MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket	Length(m)
LPXS001	Molded	24	5.4+/-0.1	0.21+/-0.004"	PVC (UL444 CM)	1~20
LPXS002		24	5.4+/-0.1	0.21+/-0.004"	PVC (IEC 60332-1)	1~20
LPXS004		24	5.4+/-0.1	0.21+/-0.004"	LSZH (IEC 60332-1)	1~20
LPKS002		26	4.2+/-0.2	0.17+/-0.01"	PVC (IEC 60332-1)	1~15
LPKS004		26	4.2+/-0.2	0.17+/-0.01"	LSZH (IEC 60332-1)	1~15
LPDS001		28	3.9+/-0.1	0.15+/-0.004"	PVC (UL444 CM)	1~10
LPDS002		28	3.1+/-0.1	0.12+/-0.004"	PVC (IEC 60332-1)	1~10
LPDS003		28	3.9+/-0.1	0.15+/-0.004"	LSZH (UL444 CM)	1~10
LPDS004		28	4.0+/-0.15	0.16+/-0.01"	LSZH (IEC 60332-1)	1~10
LPIS002		30	3.1+/-0.1	0.12+/-0.004"	PVC (IEC 60332-1)	1~20
LPIS004		30	3.2+/-0.1	0.13+/-0.004"	LSZH (IEC 60332-1)	1~20
LPNS001		32	2.8+/-0.15	0.11+/-0.01"	LSZH (IEC 60332-2)	1~5
LPNV001		32	2.8+/-0.1	0.11+/-0.004"	LSZH (IEC 60332-2)	1~5
LPNK001		32	2.9+/-0.1	0.11+/-0.004"	TPE (IEC 60332-1)	1~10
LPOK001		34	2.6+/-0.15	0.10+/-0.01"	TPE (IEC 60332-1)	1~10
LPX9002	Assembly	24	5.4+/-0.15	0.21+/-0.01"	PVC (IEC 60332-1)	1~20
LPX9004		24	5.4+/-0.15	0.21+/-0.01"	LSZH (IEC 60332-1)	1~20
LPK9002		26	4.2+/-0.15	0.17+/-0.01"	PVC (IEC 60332-1)	1~15
LPK9004		26	4.2+/-0.15	0.17+/-0.01"	LSZH (IEC 60332-1)	1~15
LPD9004		28	3.9+/-0.15	0.15+/-0.01"	LSZH (IEC 60332-1)	1~10

LAN Patch Cord

Cat.6 Patch Cord | F/UTP



Data Sheet No.
PC0014

Standard
ANSI/TIA 568.2-D
ISO / IEC 11801

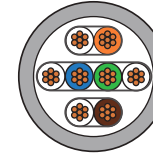
Applications
1000GBASE-T

Frequency
250MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(in)	Outer Jacket	Length(m)
LRXB001	Molded	26	5.9 +/-0.1	0.23 +/-0.004"	LSZH (IEC 60332-1)	1~20



Cat.6A Patch Cord | U/FTP



Data Sheet No.

PC0009

Standard

ISO / IEC 11801

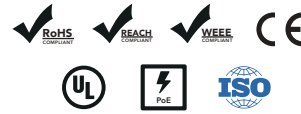
Applications

10GBASE-T

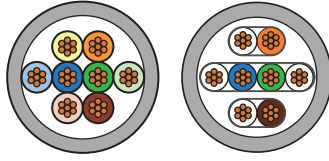
Frequency

500MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(in)	Outer Jacket	Length(m)
LGHB001	Molded	26	5.7+/-0.1	0.22+/-0.004"	PVC (UL444 CM)	1~20
LGHB002		26	6+/-0.15	0.24+/-0.01"	PVC (IEC 60332-1)	1~20
LGHB004		26	5.7+/-0.1	0.22+/-0.004"	LSZH (IEC 60332-1)	1~20
LGBB004		28	4.8+/-0.1	0.19+/-0.004"	LSZH (IEC 60332-1)	1~10
LGKF001	Assembly	32	4.0+/-0.1	0.17+/-0.004"	LSZH (IEC 60332-1)	1~5
LGKV001		32	4.0+/-0.1	0.17+/-0.004"	LSZH (IEC 60332-1)	1~5
LGKF002		32	3.8+/-0.1	0.15+/-0.004"	PE	0.3~3
LGH9004		26	5.7+/-0.1	0.22+/-0.004"	LSZH (IEC 60332-1)	1~20
LGG9004		28	4.8+/-0.1	0.19+/-0.004"	LSZH (IEC 60332-1)	1~10



Cat.6A Patch Cord | U/UTP



Data Sheet No.

PC0008

Standard

ISO / IEC 11801

Applications

10GBASE-T

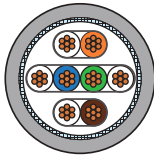
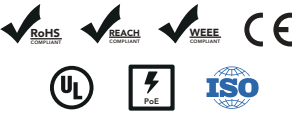
Frequency

500MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket	Length(m)
LPBS002		24	6 +/-0.15	0.24 +/-0.01 "	PVC (IEC 60332-1)	1~20
LPBS003		24	6.1 +/-0.1	0.24 +/-0.004"	LSZH (UL444 CM)	1~20
LPBS004		24	6 +/-0.15	0.24 +/-0.01 "	LSZH (IEC 60332-1)	1~20
LPHS001*		26	5.7 +/-0.1	0.22 +/-0.004"	PVC (UL444 CM)	1~20
LPHS002*	Molded	26	6+/-0.15	0.24+/-0.01"	PVC (IEC 60332-1)	1~20
LPHS004*		26	6+/-0.15	0.24+/-0.01"	LSZH (IEC 60332-1)	1~20
LPGS004*		28	4.8 +/-0.1	0.19 +/-0.004"	LSZH (IEC 60332-1)	1~10
LPMs004*		30	4.2 +/-0.15	0.17 +/-0.01 "	LSZH (IEC 60332-1)	1~10
LPPK001	Assembly	34	2.6 +/-0.15	0.10 +/-0.01 "	TPE (IEC 60332-1)	1~10
LPB9002		24	6 +/-0.15	0.24 +/-0.01 "	PVC (IEC 60332-1)	1~20
LPB9004		24	6 +/-0.15	0.24 +/-0.01 "	LSZH (IEC 60332-1)	1~20
LPM9004*		30	4.2 +/-0.15	0.17 +/-0.01 "	LSZH (IEC 60332-1)	1~10

* U/FTP Cable is used for AWG26-AWG30 Patch cords

Cat.6A Patch Cord | S/FTP



Data Sheet No.
PC0010

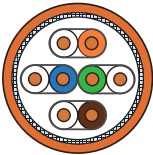
Standard
ISO / IEC 11801

Applications
10GBASE-T

Frequency
500MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(in)	Outer Jacket	Length(m)
LTHB004	Molded	26	5.7+/-0.1	0.22+/-0.004"	LSZH (IEC 60332-1)	1~20
LTBB003		27	5.8+/-0.1	0.23+/-0.004"	LSZH (UL444 CM)	1~20
LTBB004		27	5.7+/-0.15	0.22+/-0.01"	LSZH (IEC 60332-1)	1~20
LTBB005		27	5.7+/-0.15	0.22+/-0.01"	PE	5~30
LTMB003		30	4.9+/-0.1	0.19+/-0.004"	LSZH (UL444 CM)	1~10
LTMB004		30	4.5+/-0.15	0.18+/-0.01"	LSZH (IEC 60332-1)	1~10
LTKB001		32	4.0+/-0.1	0.16+/-0.004"	LSZH (IEC 60332-1)	1~5
LTKV001		32	4.0+/-0.1	0.16+/-0.004"	LSZH (IEC 60332-1)	1~5
LTM9004	Assembly	30	4.5+/-0.15	0.18+/-0.01"	LSZH (IEC 60332-1)	1~10

Cat.8 Channel Class I Patch Cord | S/FTP



Data Sheet No.
PC0012

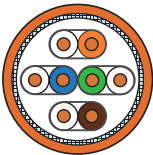
Standard
ANSI/TIA-568.2-D
ISO/IEC 11801

Applications
25GBASE-T

Frequency
2000MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(in)	Outer Jacket	Length(m)
LAC9004	Assembly	26	5.4+/-0.3	0.22+/-0.01"	LSZH (IEC 60332-1)	2

Cat.8 Patch Cord | S/FTP



Data Sheet No.
PC0011

Standard
ANSI/TIA-568.2-D
ISO/IEC 11801

Applications
25GBASE-T

Frequency
2000MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(in)	Outer Jacket	Length(m)
LAC9001	Assembly	26	5.4+/-0.3	0.21+/-0.01"	LSZH (IEC 60332-1)	1~20
LAC9003			5.4+/-0.3	0.21+/-0.01"		
LACB001	Molded		5.4+/-0.3	0.21+/-0.01"		



DHC

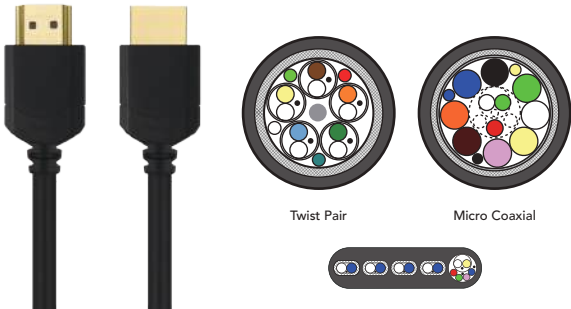
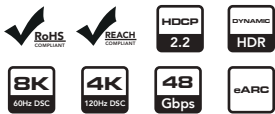
HDMI
USB

SDI
DisplayPort

-
- Professional audio and video cables such as HDMI, Display Port, SDI products
 - USB products supporting data and power delivery
 - HDMI Forum, USB-IF, VESA certified products
 - Multiple connectors are optional
 - Active, passive, AOC solutions for different length audio and video applications

HDMI 2.1

Passive Copper Cable

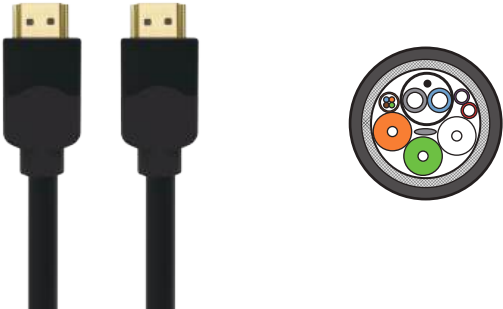
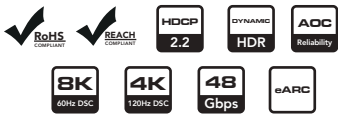


Features

Enhanced gaming and media features
(VRR / QMS / QFT / ALLM).

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Data Sheet No.
HD000324TAA	24	9 +/-0.15	7 / 9	A-A	PC Case + PVC	HD0003
HD000326TAA	26	8 +/-0.15	4 / 5	A-A	PVC Molding	
HD000328TAA	28	6.7 +/-0.15	3	A-A	PVC Molding	
HD000330TAA	30	6 +/-0.15	0.5 / 0.6 / 0.75 / 1 / 1.5 / 2 / 2.25 / 3	A-A	PVC Molding	
HD000330CAA (Coaxial)	30	5.5 +/-0.15	0.5 / 1 / 1.5 / 2 / 2.5 / 3	A-A	PVC Molding	
HD000330FAA	30	3.5+/-0.2*11.9+/-0.3	1 / 2 / 3	A-A	PVC Molding	
HD000334TAA	34	4.5 +/-0.15	0.5 / 1 / 1.5 / 2	A-A	PVC Molding	
HD000336TAA	36	3.2 +/-0.15	1 / 1.5	A-A	PVC Molding	
HD000338TAA	38	2.8 +/-0.15	0.5 / 1	A-A	PC Case	

Active Optical Cable



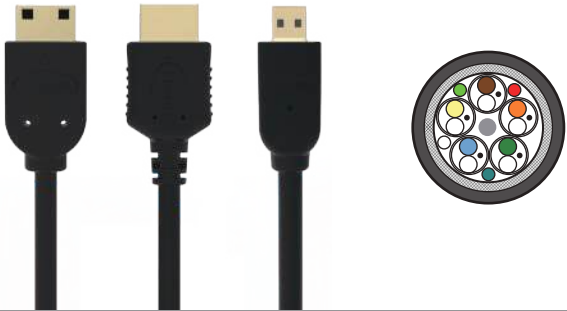
Features

Enhanced gaming and media features
(VRR / QMS / QFT / ALLM).

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Data Sheet No.
HD000510TAA	na	5.5 +/-0.15	10	A-A	PC Case + PVC	HD0005
HD000515TAA	na	5.5 +/-0.15	15			
HD000520TAA	na	8.2 +/-0.15	20			

HDMI 2.0

Passive Copper Cable

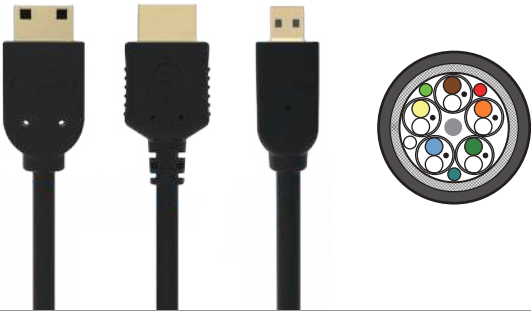


Features

Simultaneous delivery of dual video streams to multiple users on the same screen.

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Data Sheet No.
HD000924TAA	24	9 +/-0.15	7 / 9	A-A	PC Case + PVC	HD0009
HD000928TAA	28	6.5 +/-0.15	2 / 3 / 5	A-A	PVC Molding	
HD000930TAA	30	5.7 +/-0.15	1 / 1.5 / 1.8 / 2 / 3	A-A	PVC Molding	
HD000934TAA	34	4.5 +/-0.15	1 / 1.5 / 2	A-A	PVC Molding	
HD000936TAA	36	3.2 +/-0.15	1 / 1.5 / 1.8	A-A	PC Case	
HD000936TAC	36	3.2 +/-0.15	1 / 1.5 / 1.8 / 2	A-C	PC Case	
HD000934TAD	34	4.5 +/-0.15	1 / 1.5 / 2	A-D	PVC Molding	
HD000936TAD	36	3.2 +/-0.15	1 / 1.5 / 1.8 / 2	A-D	PC Case	

Active Copper Cable



Features

Simultaneous delivery of dual video streams to multiple users on the same screen.

CTi Cable Code	AWG	OD(mm)	Max. Length(m)	Connector	Housing	Data Sheet No.
HD000224TAA	24	8.5 +/-0.15	15	A-A	PVC Molding	HD0002
HD000228TAA	28	7.5 +/-0.15	13	A-A	PVC Molding	
HD000236TAA	36	3.2 +/-0.15	5	A-A	PC Case	HD0013
HD000236TAC	36	3.2 +/-0.15	5	A-C	PC Case	
HD000236TAD	36	3.2 +/-0.15	5	A-D	PC Case	

Adapter



CTi Cable Code	Connector	Data Sheet No.
HD0011AA	A(F)-A(F)	HD0011
HD0011AAR	A-A(F) Right	
HD0011AAL	A-A(F) Left	
HD0011AAU	A-A(F) Up	
HD0011AAD	A-A(F) Down	
HD0011ACD	A(F)-C & D	

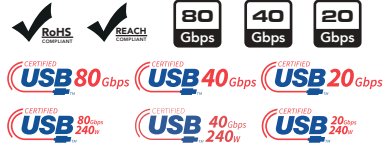
Adapter



CTi Cable Code	AWG	OD(mm)	Connector	Data Sheet No.
HD001130AA	30	5.7 +/-0.15	A-A(F)	HD0011
HD001136AD	36	3.2 +/-0.15	A(F)-D	

USB 4

Passive Copper Cable



Micro Coaxial



Twist Pair

Features

Support maximum 240W (48V / 5A)
according to PD3.1

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Transfer Mode	Data Sheet No.
US000530TCC80E	30	5.0+/-0.2	1.0	C-C	PVC Molding	Gen4	US0005
US000528CCC40E	28	5.2+/-0.2	1.2	C-C	PVC Molding	Gen3	
US000528CCC40	28	5.2+/-0.2	1.2 / 1.0	C-C	PVC Molding	Gen3	
US000530CCC40E	30	4.8+/-0.2	1.0	C-C	PVC Molding	Gen3	
US000530CCCR40E	30	4.8+/-0.2	1.0	C-C	PVC Molding	Gen3 (90 degree)	
US000530CCCSS40E	30	4.8+/-0.2	1.0	C-C	PVC Molding	Gen3 (Single Screw)	
US000530CCCD40E	30	4.8+/-0.2	1.0	C-C	PVC Molding	Gen3 (Dual Screws)	
US000530CCC40	30	4.8+/-0.2	0.8	C-C	PVC Molding	Gen3	
US000528CCC20	28	5.3+/-0.2	3.0	C-C	PVC Molding	Gen2	
US000531TCC20E	31	5.0+/-0.2	2.0	C-C	PVC Molding	Gen2	
US000531TCC20	31	5.0+/-0.2	2.0	C-C	PVC Molding	Gen2	
US000532TCC20EF	32	10.0+/-0.2	2.0	C-C	PVC Molding	Gen2 (Flat Cable)	
US000531TCCR20E	31	5.0+/-0.2	2.0	C-C	PVC Molding	Gen2 (90 degree)	
US000531TCCSS20E	31	5.0+/-0.2	2.0	C-C	PVC Molding	Gen2 (Single Screw)	
US000531TCCDS20E	31	5.0+/-0.2	2.0	C-C	PVC Molding	Gen2 (Dual Screws)	

USB 4

Active Cable



Micro Coaxial



Twist pair

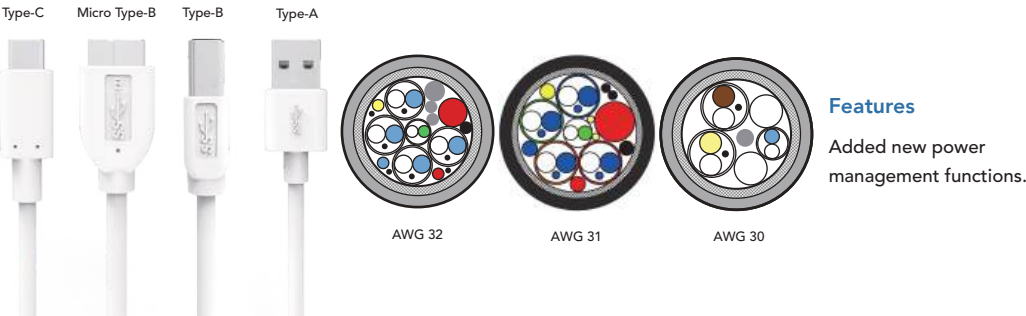
Features

Support maximum 240W (48V / 5A)
according to PD3.1

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Transfer Mode	Data Sheet No.
US000930CCC40E	30	4.8+/-0.2	2	C-C	TPE Molding	Gen3	US0009
US000930TCC20E	30	5.3+/-0.2	5	C-C	TPE Molding	Gen2	

USB 3.2

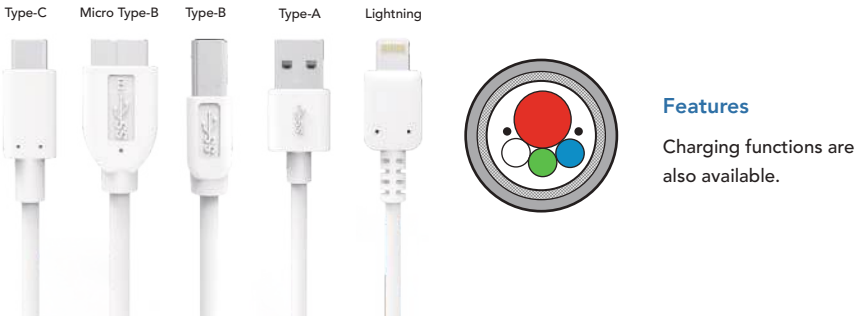
Passive Copper Cable



CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Transfer Mode	Data Sheet No.
US000332TCC05	32	4.8 +/-0.15	0.5 /1 /1.5 /2	C-C	PVC Molding	Gen1	US0003
US000332TCC103A	32	4.8 +/-0.15	0.5 /1	C-C	PVC Molding	Gen2(3A)	
US000332TCC105A	32	4.8 +/-0.15	0.5 /1	C-C	PVC Molding	Gen2(5A)	
US000230TAB05	30	4.5 +/-0.15	1	A-B	PVC Molding	Gen1	US0002
US000230TCB10	30	4.2 +/-0.15	0.5 /1	C-B	PVC Molding	Gen2	
US000230TCA10	30	4.2 +/-0.15	0.5 /1	C-A	PVC Molding	Gen2	
US000631TCC105A	31	5.0 +/-0.2	2	C-C	PVC Molding	Gen1	US0006
US000631TCC055A	31	5.0 +/-0.2	1	C-C	PVC Molding	Gen2	

USB 2.0

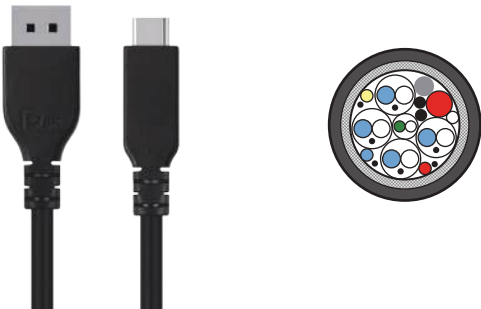
Passive Copper Cable



CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Transfer Mode	Data Sheet No.
US000932TCC	32	3.1 +/-0.15	1 /1.8 /2	C-C	PVC Molding	HiSpeed	na
US000932TCA	32	3.1 +/-0.15	1 /1.8 /2	C-A			
US000932TAM	32	2.9 +/-0.15	0.5 /1 /1.5 /2	A-Micro B	PC Case		
US000132TAL	32	3.1 +/-0.15	1 /1.8 /2	A-Lightning	PVC Molding	US0001	US0001
US000132TCL	32	3.1 +/-0.15	1 /1.8 /2	C-Lightning			

Dongle

USB C to DP



CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Latch	Data Sheet No.
US000832CD	32	4.8+/-0.15	0.5/0.8/1/1.2/1.5	C-DP 1.4	PVC Molding	With Latch	na
US000830CD	30	4.9 +/-0.15	0.5 / 0.7 / 0.9 / 1 / 1.2 / 1.5 / 1.83 / 2 / 2.44 / 3	C-DP 1.4	PVC Molding	Without Latch	

Dongle

USB C to HDMI



CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Data Sheet No.
US000830CHF8K	30	4.9+/-0.15	0.25	C-HDMI A(F)	AL Case	US0008
US000830CH8K	30	4.9+/-0.15	2	C-HDMI A(M)	AL Case	
US000836CH	36	3.2+/-0.15	0.2	C-HDMI A(F)	PVC Molding	

DP 2.1 DP80

Passive Copper Cable

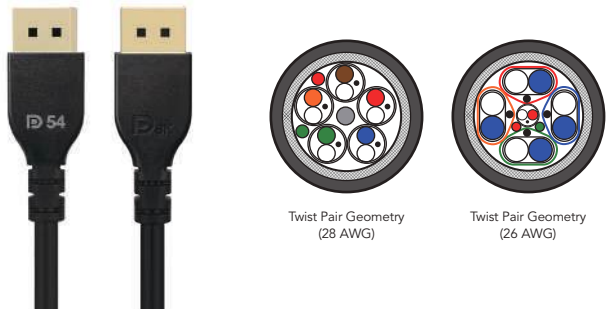


Data Sheet No.
DP0007

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing
DP000730CDW80	28	4.8+/-0.15	1	Enhanced FSDP (no Latch)	PVC Molding
DP000730CMM80	28	4.8+/-0.15	1	Enhanced Mini DP	PVC Molding
DP000730CWM80	30	4.8+/-0.15	1	Enhanced FSDP(no Latch) to Mini DP	PVC Molding
DP000728CCW80	28	4.8+/-0.15	1	USB C to Enhanced FSDP (no Latch)	PVC Molding
DP000726TDD80	26	6.5+/-0.15	1.5 / 2	Enhanced FSDP	PVC Molding
DP000726TDW80	26	6.5+/-0.15	1.5 / 2	Enhanced FSDP(no Latch)	PVC Molding

DP 2.1 DP54

Passive Copper Cable

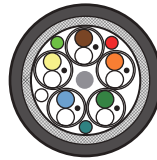


Data Sheet No.
DP0007

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing
DP000726TDD54	26	6.5+/-0.15	3	Enhanced FSDP	PVC Molding
DP000728TDD54	28	5.7+/-0.15	1 / 2	Enhanced FSDP	PVC Molding
DP000728TCD54	28	5.7+/-0.15	1 / 2	USB Type C to Enhanced FSDP	PVC Molding

DP 2.1 DP40

Passive Copper Cable

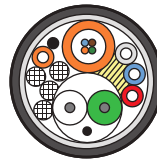


Data Sheet No.
DP0007

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing
DP000726TDW40	26	6.5+/-0.15	3	Enhanced FSDP (no Latch)	PVC Molding
DP000728TDD40	28	5.7+/-0.15	1 / 1.5 / 2	Enhanced FSDP	PVC Molding
DP000728TDW40	28	5.7+/-0.15	1 / 1.5 / 2	Enhanced FSDP (no Latch)	PVC Molding
DP000730TDW40	30	5+/-0.15	1	Enhanced FSDP (no Latch)	PVC Molding
DP000730TCM40	30	5+/-0.15	2	USB C to enhanced mini DP	PVC Molding

Dongle

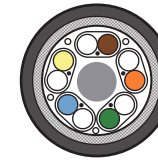
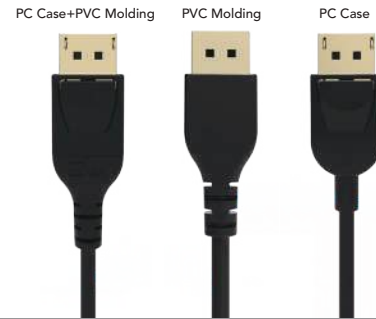
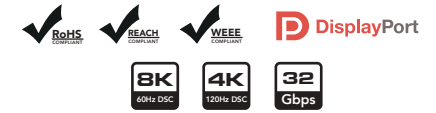
DP to HDMI



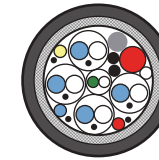
CTi Cable Code	AWG	OD (mm)	Length (m)	Connector	Housing
DP0013TDHF	30	5.7+/-0.2	0.25	DP(M) - HDMI A(F)	AL Case
DP0013TDH	30	5.7+/-0.2	2	DP(M) - HDMI A(M)	

DP 1.4

Passive Copper Cable



DP & mDP



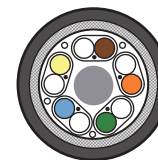
Type C-DP

Data Sheet No.
DP0010

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing
DP001028TDD	28	7.5 +/-0.15	5	DP	PC Case + PVC Molding
DP001034TDD	34	4.5 +/-0.15	1 / 2	DP	
DP001034TMD	34	4.5 +/-0.15	1 / 2	mDP-DP	
DP001034TMM	34	4.5 +/-0.15	1 / 2	mDP	PC Case
DP001030TDD	30	6 +/-0.15	1 / 2 / 3	DP	
DP001030TDW	30	5.7 +/-0.15	1 / 2 / 3	DP (Without latch)	
DP001030TFD	30	4.9 +/-0.15	3	DP(F) - DP(M)	PVC Molding
DP001030TCD	30	4.9 +/-0.15	1 / 2 / 3	Type C - DP	
DP001030TCF	30	4.9 +/-0.15	1 / 2 / 3	Type C - DP(F)	

DP 1.2

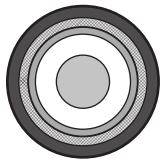
Passive Copper Cable



Data Sheet No.
na

CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing
DP001234TDD	34	4.5 +/-0.15	2	DP	PC Case + PVC Molding
DP001234TMD	34	4.5 +/-0.15	2	mDP-DP	

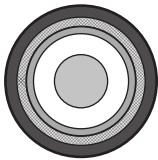
SDI
12GHz



Data Sheet No.
SD0003

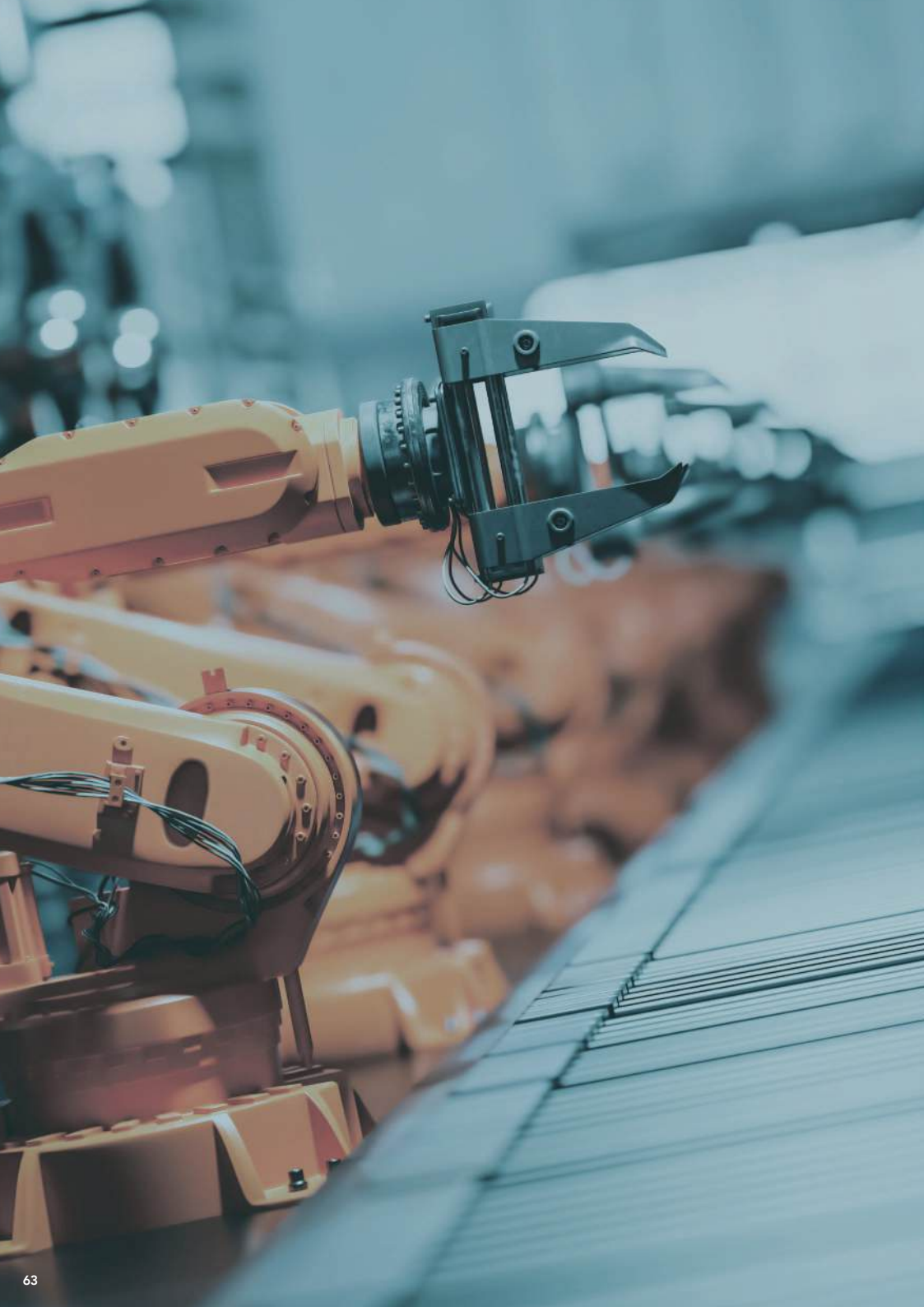
CTi Cable Code	AWG	OD (mm)	Max. Length(FT)	Connector
VR22002-0100F	23	4.3 +/- 0.5	10	BNC
VR22002-0500F	23	4.3 +/- 0.5	50	BNC
VR22002-1000F	23	4.3 +/- 0.5	100	BNC
VR22002-1350F	23	4.3 +/- 0.5	135	BNC
VR22001-0700F	18	7.0 +/- 0.5	70	BNC
VR22001-1000F	18	7.0 +/- 0.5	100	BNC
VR22001-1350F	18	7.0 +/- 0.5	135	BNC
VR22001-1650F	18	7.0 +/- 0.5	165	BNC
VR22001-2000F	18	7.0 +/- 0.5	200	BNC
VR22004-0100F	23	4.3 +/- 0.5	10	HD BNC
VR22004-0500F	23	4.3 +/- 0.5	50	HD BNC
VR22004-1000F	23	4.3 +/- 0.5	100	HD BNC
VR22004-1350F	23	4.3 +/- 0.5	135	HD BNC
VR22003-0700F	18	7.0 +/- 0.5	70	HD BNC
VR22003-1000F	18	7.0 +/- 0.5	100	HD BNC
VR22003-1350F	18	7.0 +/- 0.5	135	HD BNC
VR22003-1650F	18	7.0 +/- 0.5	165	HD BNC
VR22003-2000F	18	7.0 +/- 0.5	200	HD BNC

6GHz



Data Sheet No.
na

CTi Cable Code	AWG	OD (mm)	Max. Length(FT)	Connector
VR22016-0100F	23	4.3 +/- 0.5	10	BNC
VR22016-0500F	23	4.3 +/- 0.5	50	BNC
VR22016-1000F	23	4.3 +/- 0.5	100	BNC
VR22016-1350F	23	4.3 +/- 0.5	135	BNC
VR22015-0700F	18	7.0 +/- 0.5	70	BNC
VR22015-1000F	18	7.0 +/- 0.5	100	BNC
VR22015-1350F	18	7.0 +/- 0.5	135	BNC
VR22015-1650F	18	7.0 +/- 0.5	165	BNC
VR22015-2000F	18	7.0 +/- 0.5	200	BNC
VR22018-0100F	23	4.3 +/- 0.5	10	HD BNC
VR22018-0500F	23	4.3 +/- 0.5	50	HD BNC
VR22018-1000F	23	4.3 +/- 0.5	100	HD BNC
VR22018-1350F	23	4.3 +/- 0.5	135	HD BNC
VR22017-0700F	18	7.0 +/- 0.5	70	HD BNC
VR22017-1000F	18	7.0 +/- 0.5	100	HD BNC
VR22017-1350F	18	7.0 +/- 0.5	135	HD BNC
VR22017-1650F	18	7.0 +/- 0.5	165	HD BNC
VR22017-2000F	18	7.0 +/- 0.5	200	HD BNC



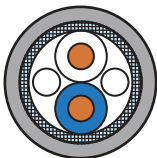
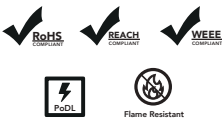
Industrial

SPE Profinet USB
Industrial Ethernet

-
- Fieldbus systems - SPE, Profinet, Industrial Ethernet, USB
 - Can be used in sensors, actuators, motors, switches, or between automatic control systems (PLC)
 - Industrial conditions including static or dynamic applications (e.g. high-flex), flame-retardant, oil-resistant, water-resistant, halogen-free characteristics, and more

Industrial

Single Pair Ethernet | PVC

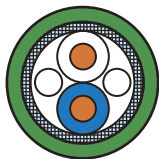


Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 75 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Data Rate	Standard	Data Sheet No.
GNE2002	Solid	23	4.3 +/- 0.3	SF/TP	1Gbps	IEC 61156-11	DT0003
GNH2002	Solid	24	4 +/- 0.3	SF/TP	1Gbps		DT0004

Single Pair Ethernet | PUR



*without filler

Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Data Rate	Standard	Data Sheet No.
GNA2001	Solid	18	6.6 +/- 0.3	SF/TP	10Mbps	IEC 61156-13	DT0019
GNC2002	Solid	22	4.6 +/- 0.3	SF/TP	1Gbps / 10Mbps	IEC 61156-11 (ref. IEC 61156-13)	DT0005
GND2002	Stranded	22	5.3 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0006
GND2004*	Stranded	22	5.3 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0006
GNL2002	Stranded	26	3.6 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0007
GNL2006*	Stranded	26	3.9 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0007

Single Pair Ethernet | PVC (Automotive)



Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 105 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Data Rate	Standard	Data Sheet No.
GNL2001	Stranded	26	4.6 +/- 0.5	SF/TP	1Gbps	IEC 61156-12	na

Single Pair Ethernet | High Flex



Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Cycles	Data Sheet No.
GNL2007	Stranded	26	5.4 +/- 0.5	PUR	IEC 61156-12	5 million*	DT0025

*This test value is measured under CTi's test condition and methods, not a guaranteed value.

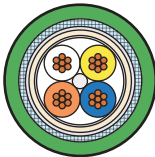
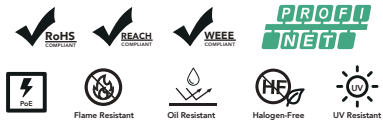
Single Pair Ethernet | Hybrid Cable



Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	AWG(Data)	AWG(Power)	OD(mm)	Construction	Data Rate	Standard	Data Sheet No.
GND2003	22	18	7.5 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0022
GNL2004	26	18	6.5 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0023
GNL2005	26	16	7.7 +/- 0.3	SF/TP	1Gbps	IEC 61156-12	DT0024

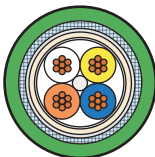
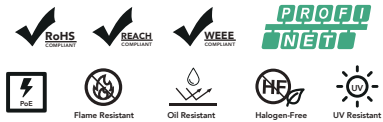
Profinet | TypeC



Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 85 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Cycles	Data Sheet No.
GAU075	Stranded	22	6.3 +/- 0.3	PUR	IEC 61156-6	2 million*	DT0001

Profinet | TypeB | PUR

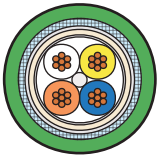
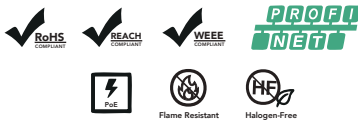


Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 85 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Outer Jacket	Standard	Data Sheet No.
GAU2017	Stranded	22	6.3 +/- 0.3	SF/UTP	PUR	IEC 61156-5	na

*This test value is measured under CTi's test condition and methods, not a guaranteed value.

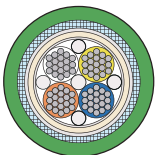
Profinet | TypeB | PVC



Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 75 °C
(Only for UL 444)

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Outer Jacket	Standard	Data Sheet No.
GAU2018	Stranded	22	6.2 +/- 0.5	SF/UTP	PVC	IEC 61156-5	na

Profinet | TypeR



Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Cycles	Data Sheet No.
GOE2001	Stranded	22	7.4 +/- 0.5	PUR	IEC 61156-6	5 million*	DT0014

Profinet | TypeA

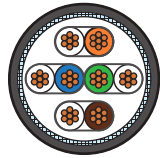


Temperature (Operative)
Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 75 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Construction	Outer Jacket	Standard	Data Sheet No.
GBC052	Solid	23	7.1 +/- 0.5	S/FTP	PUR	IEC 61156-5	na

EtherCAT

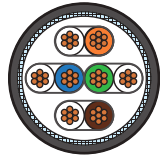
Cat.7 S/FTP 4P Cable



Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 60 °C

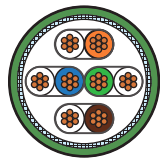
CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Data Sheet No.
GAE2013	Stranded	26	5.9 +/- 0.5	PE	IEC 61156-6	na



Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 80 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Braid Shield	Data Sheet No.
GAE081	Stranded	26	6.8 +/- 0.3	PVC	IEC 61156-6	85%	na

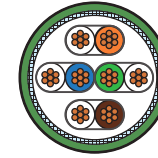


Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Data Sheet No.
GAE2016	Stranded	26	6.2 +/- 0.5	PUR	IEC 61156-6	na
GAM2016	Stranded	27	6.2 +/- 0.5	PUR	IEC 61156-6	na

Cat.6A S/FTP M12 X-code + M12 X-code

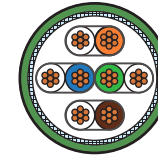


Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 85 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Length(m)	Standard	Data Sheet No.
LLSA001	Stranded	26	6.2 +/- 0.5	PUR	1~10	IEC 61156-6	DT0020

Cat.7 S/FTP RJ45 + RJ-45

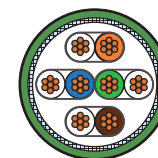


Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 85 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Length(m)	Standard	Data Sheet No.
LTHB005	Stranded	26	6.4 +/- 0.5	PUR	1~10	IEC 61156-6	DT0028

Cat.7 S/FTP M12 X-code + RJ-45



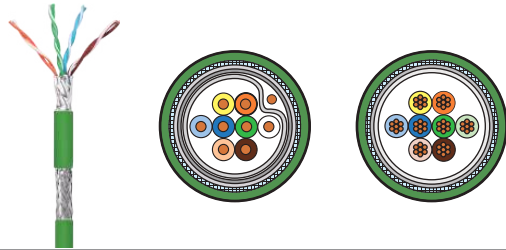
Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 85 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Length(m)	Standard	Data Sheet No.
LLS5001	Stranded	26	6.2 +/- 0.5	PUR	1~10	IEC 61156-6	DT0021

EtherCAT

Cat.5e SF/UTP 4P Cable



Temperature (Operative)

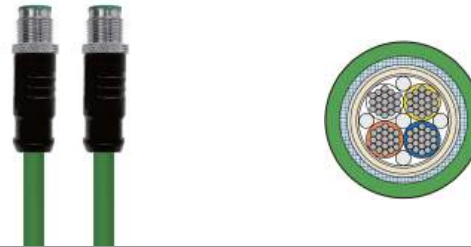
Static 0 °C ~ 50 °C
Dynamic -20 °C ~ 60 °C

CTi Cable Code	Conductor	AWG	OD(mm)	Outer Jacket	Standard	Data Sheet No.
GAZ2001	Solid	24	6.5 +/- 0.5	LSZH	IEC 61156-5	na
GAZ2002	Solid	24	6.5 +/- 0.5	FRPVC	IEC 61156-5	na
GAZ2015*	Solid	24	6.5 +/- 0.5	PUR	IEC 61156-5	na
GAU2016*	Stranded	26	5.7 +/- 0.5	PUR	IEC 61156-6	na

*oil resistant

Profinet

Type R Cable



Data Sheet No.

DT0026

Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Cycles	Connector	Type	Length(m)
LLFA001	22	7.4 +/- 0.5	PUR	5 million*	M12 D - M12 D	180°/180°	0.5~50

Type C Cable



Data Sheet No.

DT0027

Temperature (Operative)

Static 0 °C ~ 50 °C
Dynamic -40 °C ~ 80 °C

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Cycles	Connector	Type	Length(m)
LMEA001	22	6.3 +/- 0.5	PUR	2 million*	M8 D - M8 D	180°/180°	0.5~100
LMEU002	22	6.3 +/- 0.5	PUR	2 million*	M8 D - M8 D	90°/90°	0.5~100
LMEU003	22	6.3 +/- 0.5	PUR	2 million*	M8 D - RJ45	90°/180°	0.5~100
LMEG001	22	6.3 +/- 0.5	PUR	2 million*	M8 D - RJ45	180°/180°	0.5~100
LLEA002	22	6.3 +/- 0.5	PUR	2 million*	M12 D - M12 D	180°/180°	0.5~50
LLEU001	22	6.3 +/- 0.5	PUR	2 million*	M12 D - M12 D	90°/90°	0.5~50
LLEO001	22	6.3 +/- 0.5	PUR	2 million*	M12 D - M12 D	90°/180°	0.5~50
LLEG001	22	6.3 +/- 0.5	PUR	2 million*	M12 D - RJ45	180°/180°	0.5~50
LLEU002	22	6.3 +/- 0.5	PUR	2 million*	M12 D - RJ45	90°/180°	0.5~50

*This test value is measured under CTi's test condition and methods, not a guaranteed value.

Vision

USB Type C USB3.2 Gen1 High Flex Cable



Data Sheet No.

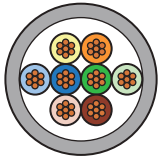
na

Features

Ultra-rugged High Flex features added.

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Length(m)	Connector	Cycles
US001032TCC	32	4.8 +/-0.2	PVC	2	C-C	5,000*

RJ45 Gigabit Ethernet Cat.6 U/UTP High Flex Cable



Data Sheet No.

na

Standard

ISO/IEC 11801
ANSI/TIA-568.2-D

Applications

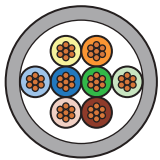
1000BASE-T

Frequency

250MHz

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Length(m)	Connector	Cycles
LPNKM01	32	2.9+/-0.1	TPE	1~10	RJ45-RJ45	1 million*
LPOKM01	34	2.6+/-0.15	TPE	1~10	RJ45-RJ45	1 million*

RJ45 Gigabit Ethernet Cat.6A U/UTP High Flex Cable



Data Sheet No.

na

Standard

ISO/IEC 11801

Applications

10GBASE-T

Frequency

500MHz

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Length(m)	Connector	Cycles
LPPKM01	34	2.6+/-0.15	TPE	1~10	RJ45-RJ45	1 million*

*This test value is measured under CTi's test condition and methods, not a guaranteed value.

High Flex USB3.2 Cable | Slim



Data Sheet No.

DT0002

Temperature (Operative)

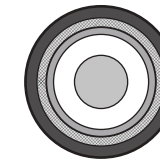
Static 0 °C ~ 50 °C

Dynamic -20 °C ~ 80 °C

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Length(m)	Connector	Cycles
AAG005	28	6.5 +/- 0.2	PVC	3	A(M)-Micro B	30 million*

*This test value is measured under CTi's test condition and methods, not a guaranteed value.

Camera Coaxial | 12G



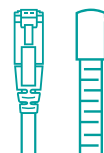
Data Sheet No.

DT0016

CTi's Declaration

Reference to JIIA CXP-001-2021

CTi Cable Code	AWG	OD(mm)	Outer Jacket	Length(FT)	Connector
VR22007-0300F	23	4.3 +/- 0.5	PVC	30	BNC-BNC
VR22007-0600F	23	4.3 +/- 0.5	PVC	60	BNC-BNC
VR22005-0300F	18	7.0 +/- 0.5	PVC	30	BNC-BNC
VR22005-0600F	18	7.0 +/- 0.5	PVC	60	BNC-BNC
VR22005-0800F	18	7.0 +/- 0.5	PVC	80	BNC-BNC
VR22008-0300F	23	4.3 +/- 0.5	PVC	30	HD BNC-HD BNC
VR22008-0600F	23	4.3 +/- 0.5	PVC	60	HD BNC-HD BNC
VR22006-0300F	18	7.0 +/- 0.5	PVC	30	HD BNC-HD BNC
VR22006-0600F	18	7.0 +/- 0.5	PVC	60	HD BNC-HD BNC
VR22006-0800F	18	7.0 +/- 0.5	PVC	80	HD BNC-HD BNC



Medical

Antibacterial Patch Cord
Breathing Tube

- Antibacterial products
- Medical cables & tubes

Medical

Breathing Tube



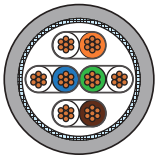
Features

Flexible and Expandable

CTi Cable Code	Material	ID(mm)	Max. Length (m)	Data Sheet No.
2R1016	EVA+TPE	10	4	BT0001



Cat.6A S/FTP Antibacterial Patch Cord



Data Sheet No. APC0001
Standard ANSI/TIA 568.2-D
ISO 22196

Antibacterial activity rate(%)
Escherichia Coli ATCC 8739 > 99%
Staphylococcus Aureus ATCC 6538P > 99%

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket	Length(m)
LTH8001	Assembly	26	5.8 +/-0.15	0.23 +/-0.01"	LSZH	1~20

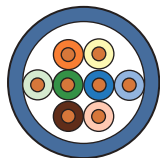


Special Application

Customization

Special Application

Sun Resistant Cable



Data Sheet No.

LA0010

Standard

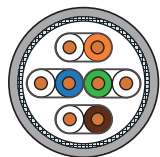
UL444 : Sun resistant level

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket
GBL2028	Solid	23	5.7 +/- 0.5	0.22 +/- 0.02"	PVC

*UV resistant Jacket available for multiple cable options, please contact us for your requirement

*PVC Jacket only

Rodent Resistant Cable



Data Sheet No.

LA0028

Standard

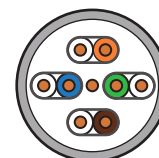
TEST by Fudan University
Department of Laboratory
Animal Science.

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket
GBK2046	Solid	23	7.2 +/- 0.5	0.28 +/- 0.02"	PVC

*Rodent resistant Jacket available for multiple cable options, please contact us for your requirement

*Jacket options for LSZH、PVC、PE

HDBaseT spec 3.0 Premium Cable



Data Sheet No.

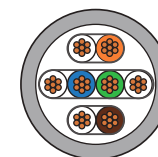
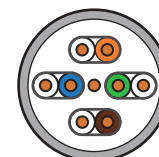
PC0013

Standard

ANSI/TIA-568.2-D
HDBT Premium 3.0

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket
LXZ1001*	Assembly	23	7.2 +/-0.5	1.46+/-0.1"	LSZH
LXZ9001			7.2 +/-0.5	1.46+/-0.1"	LSZH
LXZ1002			7.3 +/-0.5	1.46+/-0.1"	PVC
LXZ9002			7.3 +/-0.5	1.46+/-0.1"	PVC
VDA001*			7.2 +/-0.5	1.46+/-0.1"	LSZH
VDA002			7.2 +/-0.5	1.46+/-0.1"	LSZH
VDA003			7.3 +/-0.5	1.46+/-0.1"	PVC
VDA004*			7.3 +/-0.5	1.46+/-0.1"	PVC

HDBaseT application patch cord



Data Sheet No.

PC0015

Standard

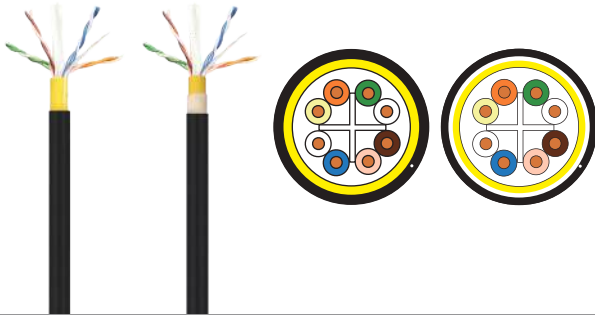
ANSI/TIA-568.2-D
ISO/IEC 11801

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Maximum Length
VDA001*	Solid	23	7.2 +/-0.5	1.46+/-0.1"	LSZH	100m
VDA004*	Solid	23	7.3 +/-0.5	1.46+/-0.1"	PVC	100m
LXZ1001*	Solid	23	7.2 +/-0.5	1.46+/-0.1"	LSZH	100m
LGHB001	Patch	26	5.7 +/-0.1	0.22+/-0.004"	PVC	55m
LGHB004	Patch	26	5.7 +/-0.1	0.22+/-0.004"	LSZH	55m
LGGB004	Patch	28	4.8 +/-0.1	0.19+/-0.004"	LSZH	45m
LGKV001	Patch	32	4.0 +/-0.1	0.16+/-0.004"	LSZH	25m

Note: Only products that have obtained HDBaseT certification are allowed to have HDBaseT-related printing on the patch cord.

*HDBaseT 3.0 Premium Certified

Cat.6 Outdoor/Indoor Cable



Data Sheet No.

LA0031

Standard

ANSI/TIA 568.2-D
EN 50290-2-24
EN50525-2-21
EN50289-3-5

Applications

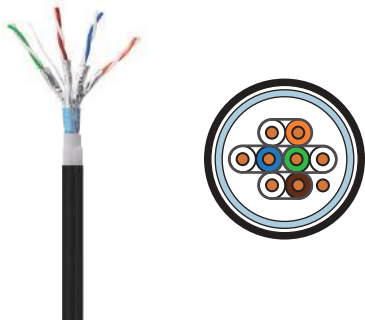
1000BASE-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBL2029	Solid	23	7.2+/-0.5(PE) 6.0+/-0.3(LSZH)	0.28 +/- 0.02" 0.24 +/- 0.01"	PE/LSZH	Drum(500m) Drum(305m)
GBL2030	Solid	23	8.2+/-0.5(PE) 6.0+/-0.3(LSZH)	0.32 +/- 0.02" 0.24 +/- 0.01"	PE/LSZH	Drum(500m) Drum(305m)

Cat.6A Outdoor/Indoor Cable



Data Sheet No.

LA0032

Standard

EN 50290-2-24
EN50525-2-21
EN50289-3-5

Applications

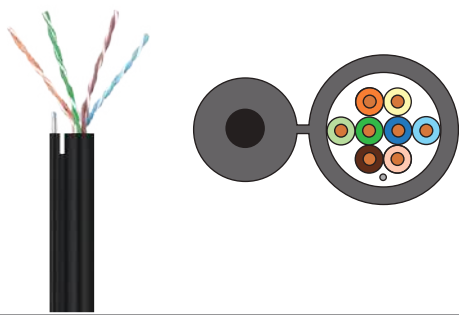
10GBASE-T

Frequency

500MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GBK2047	Solid	23	9.3+/-0.5(PE) 6.4+/-0.3(LSZH)	0.37 +/- 0.02" 0.25 +/- 0.01"	PE/LSZH	Drum(500m) Drum(305m)

Aerial Cable



Data Sheet No.

LA0025

Standard

ANSI/TIA 568.2-D

Applications

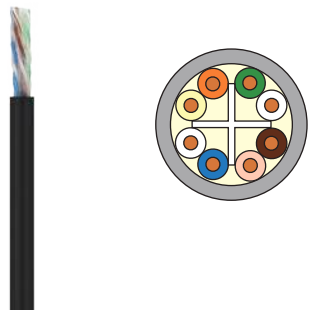
1000BASE-T
Outdoor Environment

Frequency

100MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GHB2001	Solid	24	5.2x2.8 +/- 0.5	0.2x0.11 +/- 0.02"	PE	Drum(500m)

Water Penetration Resistant Cable



Data Sheet No.

LA0029

Standard

IEC60794-1-2
ANSI/TIA 568.2-D

Applications

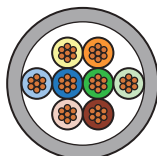
1000BASE-T

Frequency

250MHz

CTi Cable Code	Conductor	AWG	OD(mm)	OD(inch)	Outer Jacket	Packing
GAR2027	Solid	24	6.3 +/- 0.5	0.25 +/- 0.02"	PE	Drum(500m)

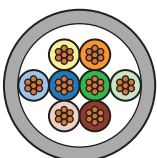
Cat.6 U/UTP Ultra Slim Patch Cord



Data Sheet No. PC0016
Standard ANSI/TIA-568.2-D
ISO/IEC 11801
Applications 1000BASE-T
Frequency 250MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket	Length(m)
LPNKM01	Molded	32	2.9+/-0.1	0.11+/-0.004"	TPE	1~10
LPOKM01	Molded	34	2.6+/-0.15	0.10+/-0.01"	TPE	1~10

Cat.6A U/UTP Ultra Slim Patch Cord



Data Sheet No. PC0017
Standard ISO/IEC 11801
Applications 10GBASE-T
Frequency 500MHz

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket	Length(m)
LPPKM01	Molded	34	2.6+/-0.15	0.10+/-0.01"	TPE	1~10

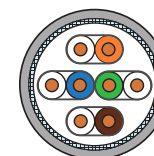
High Flex USB 3.2 Cable



Features
Ultra-rugged High Flex
features added.

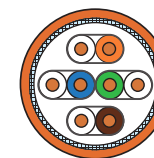
CTi Cable Code	AWG	OD(mm)	Length(m)	Connector	Housing	Transfer Mode	Data Sheet No.
US001032TCC	32	4.8 +/-0.2	2	C-C	PVC Molding	Gen1	US0010

Cat.8 Class I Channel Solution



Data Sheet No. LA0030
Standard ANSI/TIA-568.2-D
ISO/IEC 11801
Applications 25GBASE-T
Frequency 2000MHz

Part No.	Product	AWG	OD(mm)	Outer Jacket	Length(m)
GPA2001	Horizontal Cable	23	7.9+/-0.5	LSZH (IEC 60332-1)	26m/ 5m



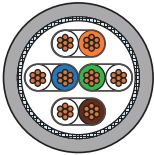
Part No.	Product	AWG	OD(mm)	Outer Jacket	Length(m)
LAC9004	Patch Cord	26	5.6+/-0.5	LSZH (IEC 60332-1)	2m



Part No.	Product	AWG	OD(mm)	Outer Jacket	Length(m)
2013C-T8F	Keystone Jack	-	-	-	-

*If there's any inquiry for keystone jack, please contact your Sales Representative.

Antibacterial | Cat.6A Patch cord | S/FTP



Data Sheet No.
APC0001

Standard
ANSI/TIA 568.2-D
ISO 22196

CTi Cable Code	Connector Type	AWG	OD(mm)	OD(inch)	Outer Jacket
LTH8001	Assembly	26	5.8 +/-0.15	0.23 +/-0.01"	LSZH

*Antibacterial Jacket available for multiple cable options, please contact us for your requirement.



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