XCable
Fast ELV Cables

DATA & ELV INFRASTRUCTURE SOLUTIONS

CATALOG 2026 | CONNECTING THE FUTURE

ISO/IEC 11801 | TIA/EIA-568-C.2 | IEC 61156-5 | IEC 60332-1 | 100% FLUKE TEST



About XCable

XCable is a premier brand dedicated to providing high-performance ELV (Extra-Low Voltage) cable infrastructure and networking solutions, engineered and developed to meet the most rigorous international standards under the motto "Fast ELV Cables". We deliver a comprehensive ecosystem of products designed to optimize high-speed data networks, telecommunications, and modern smart building infrastructures.

1. Global Manufacturing Excellence & Advanced Technology

- State-of-the-Art Production Facilities: XCable products are manufactured across advanced production bases located in key global technology hubs including Shenzhen, Guangzhou, and Huizhou.
- High-Precision Automation: Equipped with high-speed cabling lines, advanced twisting systems, and online data supervision systems (such as Zumbach), ensuring absolute precision and consistency in every meter of cable.
- Expert Engineering Team: Backed by over 100 professional engineers and technical experts dedicated to continuous research, development, and stringent quality management.

2. Core Product Portfolio & Solutions

- Copper Cabling System: Cat5e, Cat6, Cat6A, and Cat7A cables (U/UTP, F/UTP, S/FTP), alongside specialized security/control cables and fire-resistant cables.
- Optical Fiber Solutions: Indoor tight-buffer, outdoor loose-tube, and steel-tape armored fiber optic cables, complemented by a full range of patch cords, pigtails, adaptors, and patch panels.
- Infrastructure Accessories: Premium 19-inch standard server racks, wall-mount cabinets, and high-grade networking accessories.

3. International Quality Standards & Compliance

Every XCable product undergoes rigorous testing to comply with global technical benchmarks:

- Technical Standards: ISO/IEC 11801, ANSI/TIA/EIA-568.2-D, IEC 61156-5, and IEC 60332 flame-retardant standards.
- Global Certifications: Certified by cULus Listed, ETL, European CPR, CCC, CE, RoHS, and ISO 9001 quality management systems.
- Fluke Test Assurance: 100% of our products undergo rigorous performance verification using professional Fluke Test equipment prior to dispatch.

4. Vision & Commitment

With quality as the cornerstone of every structure, XCable goes beyond supplying products—we deliver absolute peace of mind to contractors, system integrators, and investors alike, partnering sustainably for the future of modern infrastructure.
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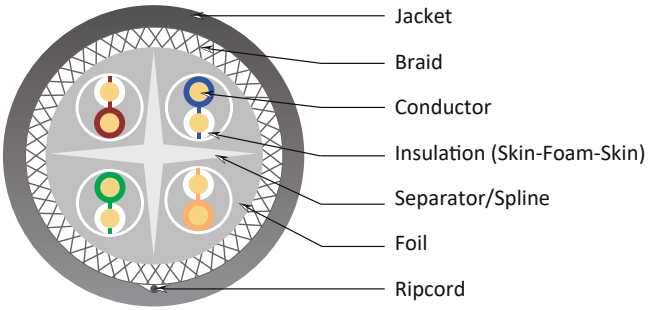
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Copper Cabling System

CAT7A S/FTP Cable, Frequency 1-1000MHz, Shielded





Features:

- 10G BASE-T applications
- Data cable for structured premises cabling up to class FA(MHz) 1000 applications
- Digital and analog voice, video and data signal transmission
- Power over Ethernet (PoE) / PoE+ / PoE++
- Excellent electrical performance with skin-foam-skin design
- Individually shielded pair and overall braid to offer good NEXT and ANEXT performance
- LSZH flame retardant cables comply with IEC 60332-1-2, IEC 60332-3
- Durable length markings to reduce waste of cables.

Item #	Description
XC7ASF3PE	CAT7A S/FTP, PE, Black, 305m/Box
XC7ASF1CM	CAT7A S/FTP, CM, Blue, 305m/Box
XC7ASF1PC	CAT7A S/FTP, PVC, Blue, 305m/Box
XC7ASF5LZ	CAT7A S/FTP, LSZH, Orange, 305m/Box

Standard Compliance:

- IEC 61156
- ISO/IEC 11801
- TIA568C.2
- IEC 60574
- EN50399
- EN50173-1
- FLUKE TEST

Construction:

Conductor	Material	Solid Bare Copper
	Structure	23 AWG
Insulation	Material	Physical Foaming PE
	Color	White / Blue
		White / Orange
		White / Green
		White / Brown
Shielded	Material	Foil, Braid
Jacket	Material	PVC, LSZH
	Diameter	8.1±0.3mm

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Copper Cabling System

CAT7A U/UTP Cable, Frequency 1-1000MHz, Unshielded

Physical Performance:

Tensile	110N
Min. Bend Radius	10 times max jacket diameter
Installation and Storage Temperature	0~70°C(32~158°F)
Operating Temperature	-20~70°C(-4~158°F)

Electrical Performance

Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (Ω)	1~100MHz100±15% 100~250MHz100±22% 250~500MHz100±25%
NVP	78%
Propagation Delay	≤25ns

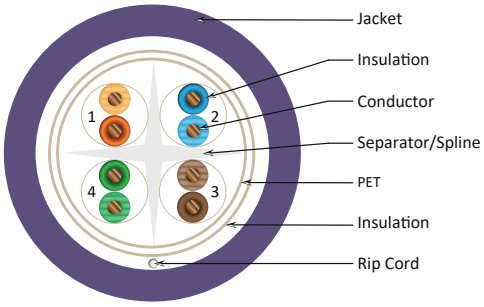
Transmission Performance

FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	EL FEXT	PS EL FEXT	PSANEXT	PSAACR-F
	Min.	Max.	Max.	Max.	Min.	Min.	Min.	Min.	Min.	Min.
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
4	23.0	3.7	552	25	78	75	78	75	67	67
8	24.5	5.2	547	25	78	75	77	74	67	67
16	25.0	7.3	543	25	78	75	71	68	67	67
20	25.0	8.2	542	25	78	75	69	66	67	67
31.25	23.6	10.3	540	25	78	75	65	62	67	39
62.5	21.5	14.6	539	25	78	75	59	56	67	39
100	20.1	18.5	538	25	75	72	55	52	67	39
200	18.0	26.5	537	25	71	68	49	46	67	39
250	17.3	29.7	536	25	69	66	47	44	67	39
500	17.3	42.8	536	25	65	62	41	38	67	39
600	17.3	47.1	535	25	64	61	40	37	66	39
700	16.6	51.1	535	25	63	60	38	35	65	39
1000	15.1	61.9	535	25	60	57	35	32	63	39

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Copper Cabling System

CAT6A U/UTP Cable, Frequency 1-500MHz, Unshielded





Features:

- 10G BASE-T applications
- Data cable for structured premises cabling up to class EA applications
- Digital and analog voice, video and data signal transmission
- Power over Ethernet (PoE) / PoE+
- Cross filler inside to offer better NEXT and ANEXT performance
- Discontinuous shielded foil technology to offer excellent resistance to external crosstalk
- LSZH flame retardant cables comply with IEC 60332-1-2, IEC 60332-3
- Durable length markings to reduce waste of cables.

Item #	Description
XC6AU3PE	CAT6A U/UTP, PE, Black, 305m/Box
XC6AU1CM	CAT6A U/UTP, CM, Blue, 305m/Box
XC6AU1PC	CAT6A U/UTP, PVC, Blue, 305m/Box
XC6AU5LZ	CAT6A U/UTP, LSZH, Orange, 305m/Box

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568.2-D
- IEC 61156-5
- EN50173-1
- EN50399
- FLUKE TEST

Construction:

Conductor	Material	Solid Bare Copper
	Structure	23 AWG
Insulation	Material	Polyolefin
	Color	White/ Blue White-Orange / Orange White / Green White-Brown / Brown
Jacket	Material	PVC, LSZH, CM, CMR
	Diameter	7.4±0.3mm

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Copper Cabling System

CAT6A U/UTP Cable, Frequency 1-500MHz, Unshielded

Physical Performance:

Tensile	110N
Min. Bend Radius	10 times max jacket diameter
Installation and Storage Temperature	0~70°C(32~158°F)
Operating Temperature	-20~70°C(-4~158°F)

Electrical Performance

DC Resistance of Each Conductor	≤9.38Ω/100m
Unbalance DC Resistance of Each Pair	≤2.5%
Impedance (Ω)	1~100MHz 100±15% 100~250MHz 100±22% 250~500MHz 100±25%
NVP	65%
Propagation Delay	≤45ns/100m

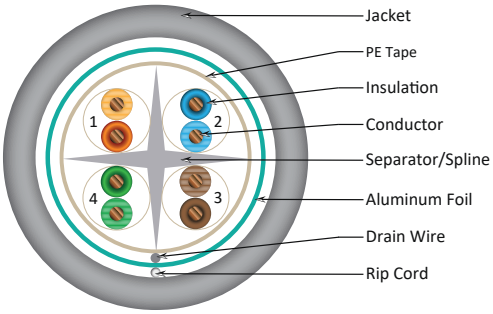
Transmission Performance

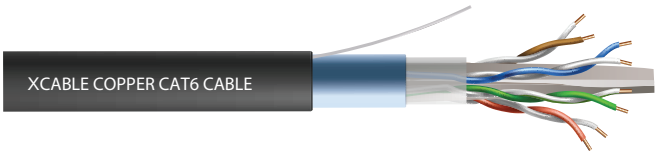
FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	EL FEXT	PS EL FEXT	PSANEXT	PSAACR-F
	Min.	Max.	Max.	Max.	Min.	Min.	Min.	Min.	Min.	Min.
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
1	20.0	2.1	570	45	75.3	72.3	68	65	67	67
4	23.0	3.8	552	45	66.3	63.3	56	53	67	66.2
16	25.0	7.5	543	45	57.2	54.2	44	41	67	54.1
20	25.0	8.4	542	45	55.8	52.8	42	39	67	52.2
31.25	23.6	10.5	540	45	52.9	49.9	38	35	67	48.3
62.5	21.5	15.0	539	45	48.4	45.4	32	29	65.6	42.3
100	20.1	19.1	538	45	45.3	42.3	28	25	62.5	38.2
250	17.3	31.1	536	45	39.3	36.3	20	17	56.5	30.2
500	15.2	45.3	536	45	34.8	31.8	14	11	52.0	24.2

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Copper Cabling System

60 SERIES - CAT6 F/UTP (Shielded)





Features:

- Overall Foil-Shielded Twisted-Pair (F/UTP) Construction
- Plenum Fire Safety Rating (CMP)
- 23 AWG Bare Copper Conductors
- Easy-to-See Vivid-Color Conductor Insulation & Jacket
- Digital and analog voice, video and data signal transmission
- LSZH flame retardant cables comply with IEC 60332-1-2, IEC 60332-3
- PE jacket for Waterproof

Transmission Performance Specifications

- UL-Listed, RoHS-Compliant
- Designed in the USA
- Packaging: 305m/Roll

Item #	Description
XC60S3PE	CAT6 F/UTP, PE, Black, 305m/Box
XC60S1CM	CAT6 F/UTP, CM, Blue, 305m/Box
XC60S1PC	CAT6 F/UTP, PVC, Blue, 305m/Box
XC60S5LZ	CAT6 F/UTP, LSZH, Orange, 305m/Box

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568.2-D
- IEC 61156-5
- EN50173-1
- FLUKE TEST

Standard Compliance:

- 1000Base-T applications
- Data cable for structured premises cabling up to class E and CAT6 applications
- Digital and analog voice, video and data signal transmission
- EN Power over Ethernet (POE) /PoE+

Construction:

Conductor	Material	Solid Bare Copper	
	Structure	23 AWG	
Insulation	Material	HDPE	
	Color	White-Blue/Blue White-Orange/Orange White-Green/Green White-Brown/Brown	
Shielded		Foil	
Jacket	Material	PVC, LSZH, PE	LS-FRPVC
	Diameter	7.4±0.3mm	6.8±0.2mm

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Copper Cabling System

60 SERIES - CAT6 F/UTP (Shielded)

Electrical Performance

Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (ohms)	1~100MHz 100±15% 100~250MHz 100±22% 250~500MHz 100±25%
NVP	67%
Propagation Delay	≤45ns

Physical Performance

Tensile	110N
Min. Bend Radius	10 times max jacket diameter
Installation and Storage Temperature	0~70°C(32~158°F)
Operating Temperature	-20~70°C(-4~158°F)

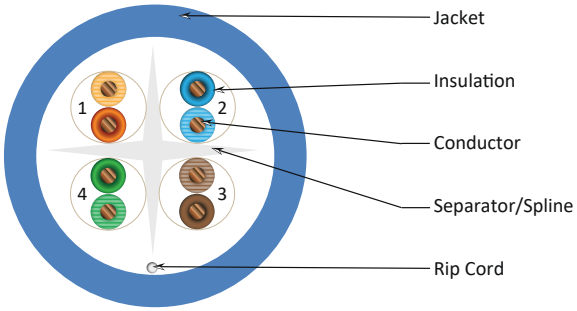
Transmission Performance

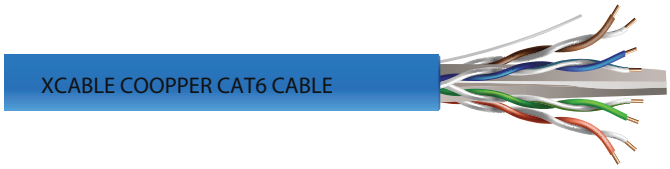
FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	ACR-F	PSAACR-F
	Min.	Max.	Max.	Max.	Min.	Min.	Min.	Min.
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)	(dB)	(dB)
1	20	2	570	45	75	72	67.8	64.8
4	23	3.8	552	45	66	63	55.7	52.7
10	25	6	545	45	60	57	47.8	44.8
16	25	7.6	543	45	57	54	43.7	40.7
20	25	8.5	542	45	56	53	41.7	38.7
31.25	23.6	10.7	540	45	53	50	37.9	34.9
62.5	21.5	15.4	538	45	48	45	31.8	28.8
100	20.1	19.8	537	45	45.3	42.3	27.8	24.8
200	18	29	536	45	40.7	37.7	21.7	18.7
250	17.3	32.8	535	45	39	36	19.8	16.8

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Copper Cabling System

61 SERIES - CAT6 250 to 350 MHz Cable, 24 AWG, UTP





Features:

- 100BASE-T, 1000BASE-T Ethernet applications
- Unshielded Twisted Pair (UTP) Cable
- Power over Ethernet (PoE) / PoE+PoE: IEEE 802.3af and IEEE 802.3at
- Cross filler inside to offer better crosstalk and impedance performance
- 24 AWG Bare Copper Conductors
- Easy-to-See Vivid-Color Conductor Insulation and Cable Jacket
- LSZH flame retardant cables comply with IEC 60332-1-2, IEC 60332-3
- Designed in the USA
- Packaging: 305m/Box

Item #	Description
XC61U3PE	CAT6 24AWG, U/UTP, PE, Black, 305m/Box
XC61U1CM	CAT6 24AWG,U/UTP, CM, Blue, 305m/Box
XC61U1PC	CAT6 24AWG, U/UTP, PVC, Blue, 305m or 500m/Box
XC61U5LZ	CAT6 24AWG, U/UTP, LSZH, Orange, 305m/Box

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568.2-D
- IEC 61156-5
- EN50173-1
- FLUKE TEST

Type			U/UTP CAT6 4x2x24AWG
Construction			Dimensions
Conductor	**Structure AWG**	**AWG**	24
	Material	-	Solid Bare Copper
Insulation	**Material**	-	HDPE
Twist	**Direction**	-	S
Fillers	**Material**	-	PE
Jacket	**Material**	-	LSZH/PVC/PE/CM/CMR
	Diameter	mm	6.0 ± 0.3
Installation Temperature Range			0°C ~ +70°C
Operating Temperature Range			-20°C ~ +70°C

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Copper Cabling System

61 SERIES - CAT6 250 to 350 MHz Cable, 24 AWG, UTP

Mechanical Characteristics:

Conductor elongation		⩾15%
Jacket before Aging (LSZH)	**Tensile Strength**	⩾10Mpa
	Elongation	⩾125%
Jacket After Aging (LSZH)	**Tensile Strength (100°C±2°C,168h)**	⩾8Mpa
	Elongation (100°C±2°C,168h)	⩾100%
Minimum Bend Radius		8x Cable Radius

Electrical Characteristics:

DC Resistance Unbalance (%):	⩽2.0%
DC Resistance	⩽ 9.38Ω/100m
Insulation Resistance	>5000MΩ×Km +20°C DC (100-500) V
Dielectric strength	DC 1000V ,1min No Breaking Down
Mutual Capacitance of a Pair	Max 5.6 nF/100m
Impedance (Ω)	1MHz-250MHz 100 Ohms ±15%
NVP	68%

Nominal Transmission Characteristics:

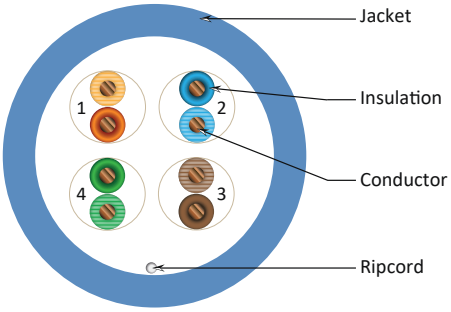
	IL	**RL**	**DOP**	**SKEW**	**NEXT**	**PS NEXT**	**ACR-F**	**PS ACR-F**
Freq.	**dB**	**dB**	**ns**	**ns/100m**	**dB**	**dB**	**dB**	**dB**
in MHz	**Max.**	**Min.**	**Max.**	**Max.**	**Min.**	**Min.**	**Min.**	**Min.**
4	3.8	23.0	552	45	66.2	63.2	55.7	52.7
10	6.0	25.0	545	45	60.3	57.3	47.8	44.8
16	7.6	25.0	543	45	57.2	54.2	43.7	40.7
20	8.5	25.0	542	45	55.7	52.7	41.7	38.7
31.25	10.7	23.6	540	45	52.8	49.8	37.9	34.9
62.5	15.4	21.5	538	45	48.3	45.3	31.8	28.8
100	19.8	20.1	537	45	45.3	42.3	27.8	24.8
200	29.0	18.0	536	45	40.7	37.7	21.7	18.7
250	32.0	17.0	535	45	39.3	36.3	19.8	16.8

Note: The above transmission performance for the 100M, 20 ± 2 °C under the conditions tested

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Copper Cabling System

CAT5E U/UTP Cable, Unshielded





Features:

- 1000Base-T applications
- Data cable for structured premises cabling up to class D and CAT5e applications
- Digital and analog voice, video and data signal transmission
- Frequency 1-100MHZ, extended to 350Mhz
- Available in a variety of LSZH flame retardant cables
- Durable length markings to reduce waste of cables.

Item #	Description
XC5EU3PE	CAT5E U/UTP, PE, Black, 305m/Box
XC5EU1CM	CAT5E U/UTP, CM, Blue, 305m/Box
XC5EU1PC	CAT5E U/UTP, PVC, Blue, 305m/Box
XC5EU5LZ	CAT5E U/UTP, LSZH, Orange, 305m/Box

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568 -C2
- IEC 61156-5
- EN50173-1
- FLUKE TEST

Construction:

Conductor	Material	Solid Bare Copper
	Structure	24 AWG
Insulation	Material	HDPE
	Color	White-Blue / Blue White-Orange / Orange White-Green / Green White-Brown / Brown
Jacket	Material	PVC, LSZH, PE
	Diameter	5.1±0.3mm

Electrical Performance

Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (ohms)	1~100MHz 100±15%
NVP	69%
Propagation Delay	≤45ns

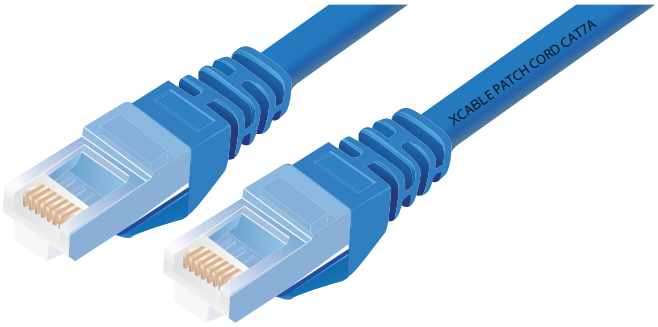
Physical Performance:

Tensile	110N
Min. Bend Radius	10 times max jacket diameter
Installation and Storage Temperature	0~70°C(32~158°F)
Operating Temperature	-20~70°C(-4~158°F)

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Copper Cabling System

CAT7A Patch Cord



Features:

- 10 Gigabit, 10G Base-T Ethernet applications
- The cord is snagless : it has a strain-relief boot to protect the connector's lock from being snapped off easily.
- Stranded conductors for flexibility and bending performance
- Power over Ethernet(PoE)/PoE+: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt.
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

Compliance:

- IOS/IEC 11801:2008
- ANSI/TIA-568-C2
- IEC 61156-5
- IEC 60603-7
- EN 50173
- IEC 60332-1
- FLUKE TEST

Physical Performance:

Insulation	HDPE
RJ45 Pin	50µm Gold-plating
Plug Insertion Life Span	≥1000 times
Conductor	Stranded, 7*0.16mm
Operating Temperature	-20~70°C

X	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7

1	X XCABLE Accessories
2	CATEGORY C: Copper
3	TYPE COPPER 7A: Cat7A
4	STRUCT F: F/UTP U: U/UTP S: S/FTP
5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White
6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC
7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m) 5: 5(m)

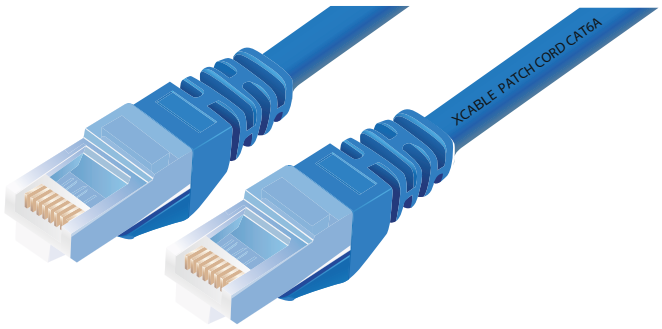
Ordering Information

XC7AU1CM2	CAT7A U/UTP Patch Cord Unshielded, BLUE, CM, 2m
XC7AF1CM2	CAT7A F/UTP Patch Cord Shielded, BLUE, CM, 2m
XC7AS1CM2	CAT7A S/FTP Patch Cord Shielded, BLUE, CM, 2m

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Copper Cabling System

CAT6A Patch Cord



Features:

- 10 Gigabit, 10G Base-T Ethernet applications
- The cord is snagless : it has a strain-relief boot to protect the connector's lock from being snapped off easily.
- Stranded conductors for flexibility and bending performance
- Power over Ethernet(PoE)/PoE+: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt.
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

Compliance:

- IOS/IEC 11801:2008
- ANSI/TIA-568-C2
- IEC 61156-5
- IEC 60603-7
- EN 50173
- IEC 60332-1
- FLUKE TEST

Physical Performance:

Insulation	HDPE
RJ45 Pin	50μm Gold-plating
Plug Insertion Life Span	≥1000 times
Conductor	Stranded, 7*0.16mm
Operating Temperature	-20~70°C

X	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7

1	X XCABLE Accessories
2	CATEGORY C: Copper
3	TYPE COPPER 6A: Cat6A
4	STRUCT F: F/UTP U: U/UTP S: S/FTP
5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White
6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC
7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m) 5: 5(m)

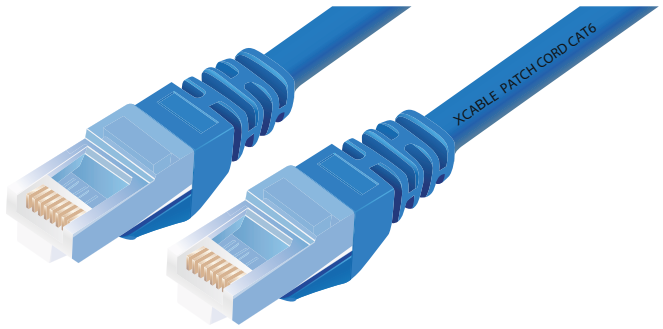
Ordering Information

XC6AU1CM2	CAT6A U/UTP Patch Cord Unshielded, BLUE, CM, 2m
XC6AF1CM2	CAT6A F/UTP Patch Cord Shielded, BLUE, CM, 2m
XC6AS1CM2	CAT6A S/FTP Patch Cord Shielded, BLUE, CM, 2m

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Copper Cabling System

CAT6 Patch Cord



Features:

- 1000 Base-T Ethernet applications
- The cord is snagless : it has a strain-relief boot to protect the connector's lock from being snapped off easily.
- Stranded conductors for flexibility and bending performance
- Power over Ethernet(PoE)/PoE+: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, Types 1 to 4, up to 90W.
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

Compliance:

- IOS/IEC 11801:2008
- ANSI/TIA-568-C2
- IEC 61156-5
- IEC 60603-7
- EN 50173
- IEC 60332-1
- FLUKE TEST

Physical Performance:

Insulation	HDPE
RJ45 Pin	50µm Gold-plating
Plug Insertion Life Span	≥1000 times
Conductor	28Awg - 24Awg
Operating Temperature	-20~70°C

Maximum Resistance	236 Ohm/km
Insulation Resistance	750 V AC
Diameter	3,8±0.2mm

X	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7

1	X XCABLE Accessories
2	CATEGORY C: Copper
3	TYPE COPPER 28Awg - 24Awg
4	STRUCT F: F/UTP U: U/UTP S: S/FTP
5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White
6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC
7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m) 5: 5(m)

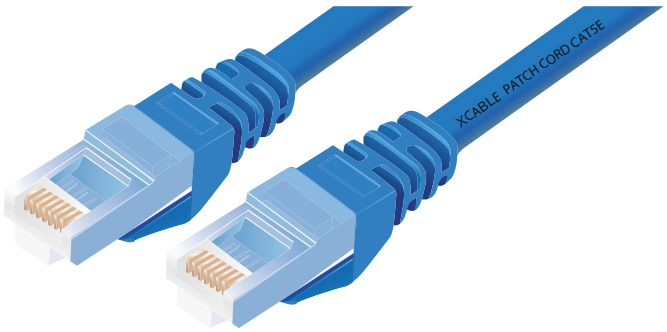
Ordering Information

XC60U1CM2	CAT6 U/UTP Patch Cord Unshielded, BLUE, CM, 2m
XC60U1CM3	CAT6 U/UTP Patch Cord Uhshielded, BLUE, CM, 3m
XC60U1LZ2	CAT6 U/UTP Patch Cord Unshielded, BLUE, LSZH, 2m

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Copper Cabling System

CAT5E Patch Cord



Features:

- 1000 Base-T Ethernet applications
- Stranded conductors for flexibility and bending performance
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

Compliance:

- IOS/IEC 11801:2008
- ANSI/TIA-568-C2
- IEC 61156-5
- FLUKE TEST

Physical Performance:

Insulation	HDPE
RJ45 Pin	50µm Gold-plating
Plug Insertion Life Span	≥1000 times
Conductor	Stranded, 7*0.16mm
Operating Temperature	-20~70°C

X	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7

1	X XCABLE Accessories
2	CATEGORY C: Copper
3	TYPE COPPER 5E: Cat5E
4	STRUCT F: F/UTP U: U/UTP S: S/FTP
5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White
6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC
7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m) 5: 5(m)

Ordering Information		
	XC5EU1CM2	CAT5E U/UTP Patch Cord Unshielded, BLUE, CM, 2m
	XC5EF1CM2	CAT5E F/UTP Patch Cord Shielded, BLUE, CM, 2m
	XC5ES1CM2	CAT5E S/FTP Patch Cord Shielded, BLUE, CM, 2m

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Copper Cabling System

CAT 6 Patch Panel, Unshielded



Features:

- Meet and exceed Category 6 standard performance
- Designed with 24 ports on a single bar, 19" rack-mount
- Convenient and clear marking
- Easy for management and operation
- Rear cable manager
- Materials: Black steel frame with powder coating, flame-retardant and impact-resistant thermoplastic.
- Available in 24 ports (1U) and 48 ports (2U)

Item #	Description
XP60U124	CAT6 24 port Patch Panel Unshielded, 1U
XP60U248	CAT6 48 port Patch Panel Unshielded, 2U

Compliance:

- ANSI/TIA 568-C.2 Category 6
- ISO/IEC 11801 Class E
- FLUKE TEST

Electrical Performance:

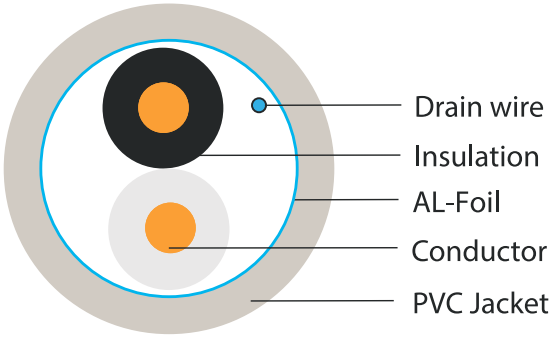
Dielectric Strength	DC 1000V(AC750V) 1min, no breakdown and arcing phenomena
DC Resistance(Ω)	≤300 mΩ
Connecting Reactance(Ω)	≤20mΩ
Insulation Resistance(Ω)	Under normal atmospheric pressure ≥500 mΩ

Physical Performance:

IDC	Phosphor bronze
RJ45 Pin	Phosphor bronze with 50μm gold plating
Plug Insertion	≥1000 times
IDC Insertion Life Span	≥250 times
AWG	22~26AWG
Wiring	T568A/T568B

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14AWG Shielded Cable





Features:

- Conductor: Stranded Bare Copper and Solid Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: HDPE
- Jacket: PVC
- Sequential Length Markings on Jacket
- Packaging: 305m/Box
- Voltage 300V

Item #	Description
XW14S2PC	Grey, AL-Shield, Twisted , 305m PVC

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Standard Compliance:

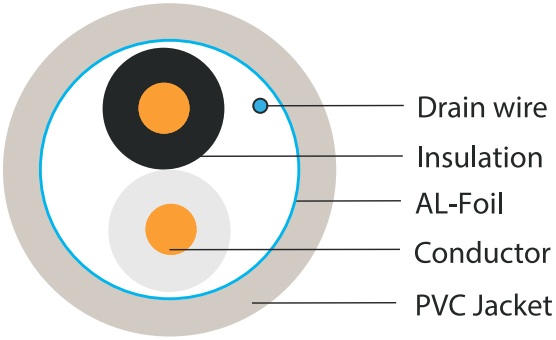
- ISO 9001:2008
- ROHS Compliant
- FLUKE TEST

Technical Parameters

Conductor	Material	Tinned copper wire
	Construction	14AWG
	Maximum conductor resistance (20˚C)	8.2Ω/Km
	Capacitance	97 ± 3 pF/m
	Capacitance (Conds + Shield)	174 ± 3 pF/m
Insulation	Material	HDPE
	Test Voltage AC	1000 V
Shield	Material	Aluminum Foil
	Coverage rate	100%
Jacket	Material	PVC(Gray)
	Average thickness	0.6mm
	Diameter	9.8±0.3mm

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16AWG Shielded Cable





Features:

- Conductor: Stranded Bare Copper and Solid Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: HDPE
- Jacket: PVC
- Sequential Length Markings on Jacket
- Packaging: 305m/Box
- Voltage 300V

Item #	Description
X16S2PC	Grey, AL-Shield, Twisted , 305m PVC

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Standard Compliance:

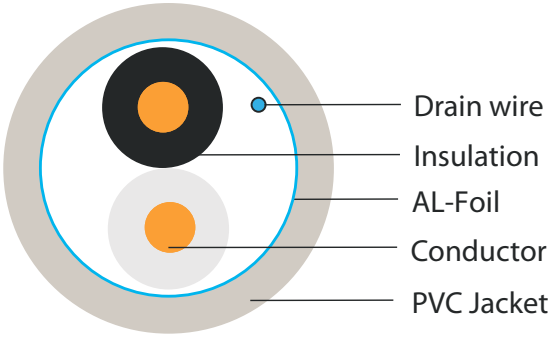
- ISO 9001:2008
- ROHS Compliant
- FLUKE TEST

Technical Parameters

Conductor	Material	Tinned copper wire
	Construction	16AWG
	Maximum conductor resistance (20˚C)	13.7Ω/Km
	Capacitance	190 ± 3 pF/m
	Capacitance (Conds + Shield)	342 ± 3 pF/m
Insulation	Material	HDPE
	Test Voltage AC	1000 V
Shield	Material	Aluminum Foil
	Coverage rate	100%
Jacket	Material	PVC(Gray)
	Average thickness	0.6mm
	Diameter	6.5±0.3mm

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18AWG Shielded Cable





Features:

- Conductor: Stranded Bare Copper and Solid Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: HDPE
- Jacket: PVC
- Sequential Length Markings on Jacket
- Packaging: 305m/Box
- Voltage 300V

Item #	Description
X18S2PC	Grey, AL-Shield, Twisted , 305m PVC

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Standard Compliance:

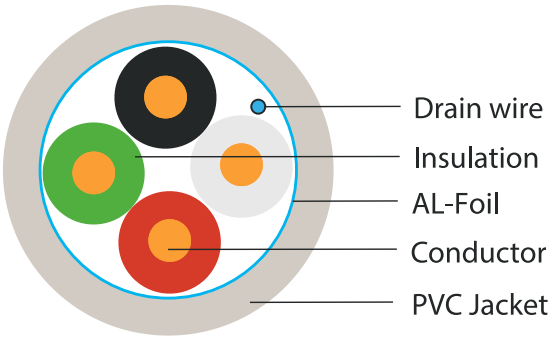
- ISO 9001:2008
- ROHS Compliant
- FLUKE TEST

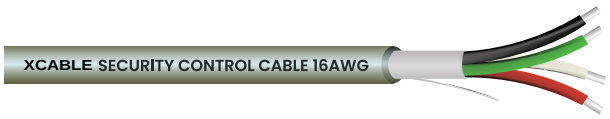
Technical Parameters

Conductor	Material	Tinned copper wire
	Construction	18AWG
	Maximum conductor resistance (20˚C)	21.8Ω/Km
	Capacitance	98 ± 3 pF/m
	Capacitance (Conds + Shield)	141 ± 3 pF/m
Insulation	Material	HDPE
	Test Voltage AC	1000 V
Shield	Material	Aluminum Foil
	Coverage rate	100%
Jacket	Material	PVC(Gray)
	Average thickness	0.6mm
	Diameter	5.5±0.3mm

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16AWG Shielded Cable 2 Pair





Features:

- Conductor: Stranded Bare Copper and Solid Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: HDPE
- Jacket: PVC
- Sequential Length Markings on Jacket
- Packaging: 305m/Box
- Voltage 300V

Item #	Description
X16S4PC	Grey, AL-Shield, Twisted , 305m PVC

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Standard Compliance:

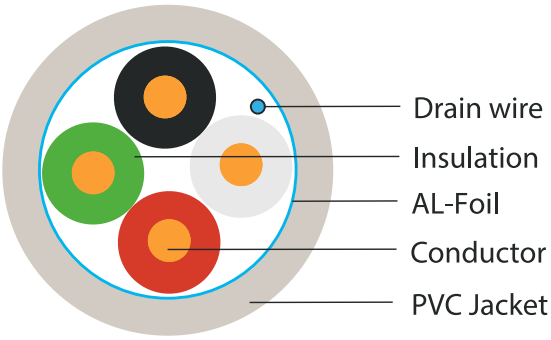
- ISO 9001:2008
- ROHS Compliant
- FLUKE TEST

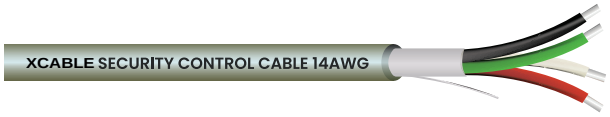
Technical Parameters

Conductor	Material	Tinned copper wire
	Construction	16AWG
	Maximum conductor resistance (20˚C)	13.7Ω/Km
	Capacitance	100 ± 3 pF/m
	Capacitance (Conds + Shield)	182 ± 3 pF/m
Insulation	Material	HDPE
	Test Voltage AC	1000 V
Shield	Material	Aluminum Foil
	Coverage rate	100%
Jacket	Material	PVC(Gray)
	Average thickness	0.6mm
	Diameter	8.6±0.3mm

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14AWG Shielded Cable 2 Pair





Features:

- Conductor: Stranded Bare Copper and Solid Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: HDPE
- Jacket: PVC
- Sequential Length Markings on Jacket
- Packaging: 305m/Box
- Voltage 300V

Item #	Description
X 14S4PC	Grey, AL-Shield, Twisted , 305m PVC

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Standard Compliance:

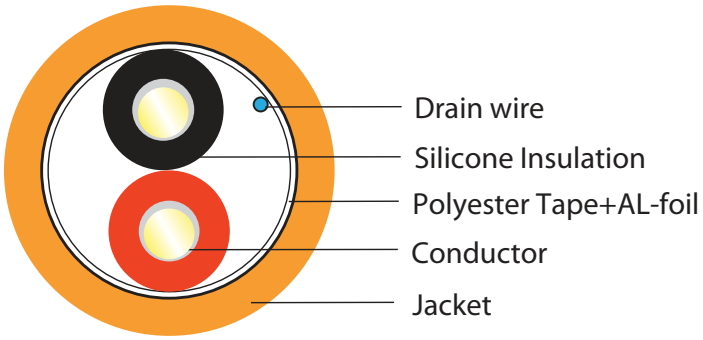
- ISO 9001:2008
- ROHS Compliant
- FLUKE TEST

Technical Parameters

Conductor	Material	Tinned copper wire
	Construction	14AWG
	Maximum conductor resistance (20˚C)	8.2Ω/Km
	Capacitance	31 ± 3 pF/ft
	Capacitance Jacket and Shield	55.9 ± 3 pF/ft
Insulation	Material	HDPE
	Test Voltage AC	1000 V
Shield	Material	Aluminum Foil
	Coverage rate	100%
Jacket	Material	PVC(Gray)
	Average thickness	0.6mm
	Diameter	10.5±0.3mm

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Fire Resistant Cable
Shielded, LSZH 2x2.5mm^2





Features & Applications

- Fire alarm systems
- Signaling devices
- Electronic equipment
- Indoor/Residential
- Shielded
- Footage markers on cable jacket
- Voltage 300V

Standard Compliance

- ISO 9001
- ROHS compliant
- Tensile test
- Mechanical test
- Halogen-free flame-retardant
- IEC 60331-1/ IEC 60332-1/ CNS 11175/ EN 50200 EN 61034-2/ BS5839-1/ BS6387
- FLUKE TEST

Technical Parameters

No of Code		2 Core
Conductor	Material	Stranded Bare Copper
	Construction	2.5mm^2; 49/0.24±1%D mm
Insulation	Material	Silicone Insulation
	Coverage rate	100%
	Thickness	0.6mm ± 0.05mm
	Diameter	3.1 ± 0.10 mm
Shield	Material	Polyester Tape + Aluminum Foil
	Coverage rate	100%
	Drain wire	7/0.18TCmm
Jacket	Material	LSZH (Orange)
	Thickness	0.9mm ± 0.1mm
	Diameter	8.1 ± 0.3mm

Electrical Characteristics

Max. Conductor DC Resistance 20°C (ohms/km)	7.98
Dielectric Strength (Insulation)	2000V

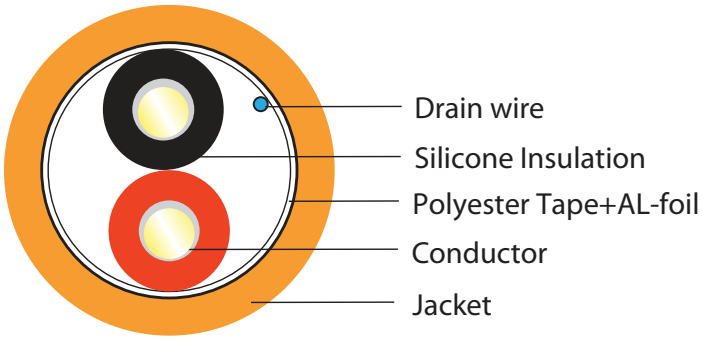
Mechanical Characteristics

Operating Temperature	
Elongation at break	150%
Tensile strength	10N/mm^2

Item #	Description
X25S2LZ	Fire Resistant Instrumentation Cable 2x2.5mm2 (14AWG, Shielded, Twisted pair, Orange, 500m, LSZH)

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Fire Resistant Cable
Shielded, LSZH 2x1.5mm^2





Features & Applications

- Fire alarm systems
- Signaling devices
- Electronic equipment
- Indoor/Residential
- Shielded
- Footage markers on cable jacket
- Voltage 300V

Standard Compliance

- ISO 9001
- ROHS compliant
- Tensile test
- Mechanical test
- Halogen-free flame-retardant
- IEC 60331-1/ IEC 60332-1/ CNS 11175/ EN 50200 EN 61034-2/ BS5839-1/ BS6387
- FLUKE TEST

Technical Parameters

No of Code		2 Core
Conductor	Material	Stranded Bare Copper
	Construction	1.5mm^2; 30/0.24±1%D mm
Insulation	Material	Silicone Insulation
	Coverage rate	100%
	Thickness	0.5mm ± 0.05mm
	Diameter	2.5 ± 0.10 mm
Shield	Material	Polyester Tape + Aluminum Foil
	Coverage rate	100%
	Drain wire	7/0.18TCmm
Jacket	Material	LSZH (Orange)
	Thickness	0.8mm ± 0.1mm
	Diameter	6.7 ± 0.3mm

Electrical Characteristics

Max. Conductor DC Resistance 20°C (ohms/km)	12.33
Dielectric Strength (Insulation)	2000V

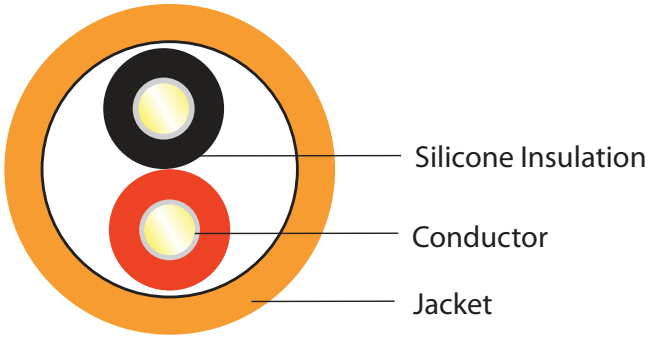
Mechanical Characteristics

Operating Temperature	-20 - 90°C
Elongation at break	150%
Tensile strength	10N/mm^2

Item #	Description
X15S2LZ	Fire Resistant Instrumentation Cable 2x1.5mm2 (16AWG, Shielded, Twisted pair, Orange, 500m, LSZH)

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Fire Resistant Cable
Unshielded, LSZH 2x1.5mm²





Features & Applications

- Fire alarm systems
- Signaling devices
- Electronic equipment
- Indoor/Residential
- Unshielded
- Footage markers on cable jacket
- Voltage 300V

Standard Compliance

- ISO 9001
- ROHS compliant
- Tensile test
- Mechanical test
- Halogen-free flame-retardant
- IEC 60331-1/ IEC 60332-1/ CNS 11175/ EN 50200 EN 61034-2/ BS5839-1/ BS6387
- FLUKE TEST

Technical Parameters

No of Code		2 Core
Conductor	Material	Stranded Bare Copper
	Construction	1.5mm²; 30/0.24±1%D mm
Insulation	Material	Silicone Insulation
	Coverage rate	100%
	Thickness	0.5mm ± 0.05mm
	Diameter	2.5 ± 0.10 mm
Jacket	Material	LSZH (Orange)
	Thickness	0.8mm ± 0.1mm
	Diameter	6.6 ± 0.3mm

Electrical Characteristics

Max. Conductor DC Resistance 20°C (ohms/km)	12.33
Dielectric Strength (Insulation)	2000V

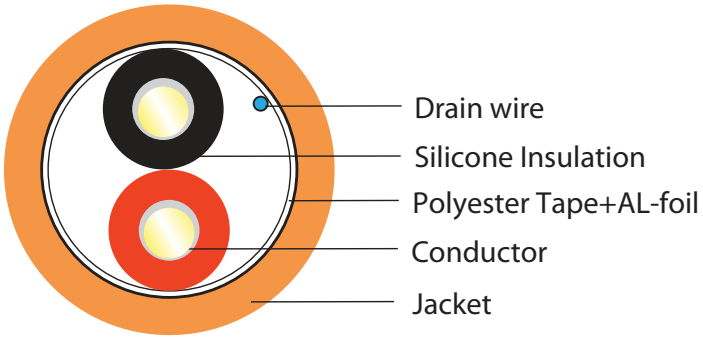
Mechanical Characteristics

Operating Temperature	-20 - 90°C
Elongation at break	150%
Tensile strength	10N/mm²

Item #	Description
X15U2LZ	Fire Resistant Instrumentation Cable 2x1.5mm2 (16AWG, Unshielded, Twisted pair, Orange, 500m, LSZH)

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Fire Resistant Cable
Shielded, LSZH 2x1.0mm^2





Features & Applications

- Fire alarm systems
- Signaling devices
- Electronic equipment
- Indoor/Residential
- Shielded
- Footage markers on cable jacket
- Voltage 300V

Standard Compliance

- ISO 9001
- ROHS compliant
- Tensile test
- Mechanical test
- Halogen-free flame-retardant
- IEC 60331-1/ IEC 60332-1/ CNS 11175/ EN 50200 EN 61034-2/ BS5839-1/ BS6387
- FLUKE TEST

Technical Parameters

No of Code		2 Core
Conductor	Material	Stranded Bare Copper
	Construction	1.5mm^2; 16/0.24±1%D mm
Insulation	Material	Silicone Insulation
	Coverage rate	100%
	Thickness	0.5mm ± 0.05mm
	Diameter	2.1 ± 0.10 mm
Shield	Material	Polyester Tape + Aluminum Foil
	Coverage rate	100%
	Drain wire	7/0.18TCmm
Jacket	Material	LSZH (Orange)
	Thickness	0.7mm ± 0.1mm
	Diameter	5.7 ± 0.3mm

Electrical Characteristics

Max. Conductor DC Resistance 20°C (ohms/km)	21.4
Dielectric Strength (Insulation)	2000V
Capacitance	98 ± 3 pF/m
Capacitance (Conds + Shield)	141 ± 3 pF/m

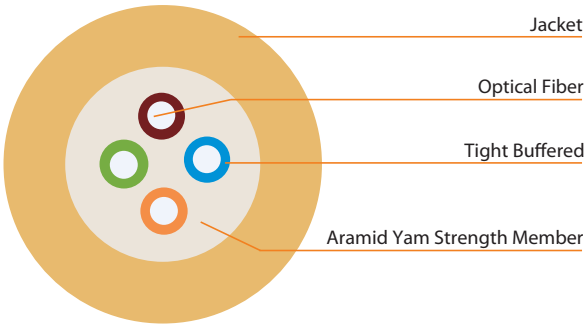
Mechanical Characteristics

Operating Temperature	-20 - 90˚C
Elongation at break	150%
Tensile strength	10N/mm^2

Item #	Description
X10S2LZ	Fire Resistant Instrumentation Cable 2x1.0mm2 (18AWG, Shielded, Twisted pair, Orange, 500m, LSZH)

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OPTICAL FIBER CABLE
Indoor Tight Buffer Fiber Optic Cable





Features & Benefits:

- Tight buffered fiber, easy for stripping
- Aramid yarn as strength member for excellent tensile strength performance
- All dielectric structures to prevent electromagnetic influence
- Light-weight, high-flexibility, small bending radius and excellent performance

Standard Compliance:

- ISO/IEC 11801
- ITU-T G.651/G.652/G.655/G.657
- IEC 60793-1
- IEC 60793-2
- IEC 60794-1
- IEC 60794-3
- IEC 60332-3
- FLUKE TEST

Construction:

Fiber Type	G.652D/OM2/OM3/OM4	
Fiber Core	1~48	
Tight Buffered	Material	PVC
	Diameter	0.9mm
Strength Member	Aramid yarn	
Sheath	Material	LSZH

Mechanical and Environmental Performance:

Tensile (Long Term/Short Term) (N)	≤4 cores	70/220
	≤12 cores	200/600
Crush (Long Term/Short Term) (N/100mm)	300/1000	
Bend Radius (Static/Dynamic)(D)	10/20	
Installation Temperature (°C)	-10~70	
Storage and Operation Temperature (°C)	-20~70	

Optical Specifications:

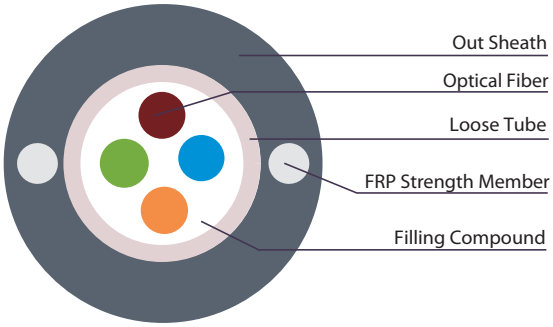
Fiber Type	Attenuation (dB/km)		Bandwidth			
	850nm	1300nm	1GbE	10GbE	40GbE	100GbE
OM2	≤3.0	≤0.8	550m	82m	/	/
OM3	≤2.8	≤0.7	/	300m	100m	70m
OM4	≤2.8	≤0.7	/	550m	150m	150m
	1310nm	1550nm	1GbE	10GbE	40GbE	100GbE
OS2	≤0.36	≤0.22	20km-200km			

Item #	Description
XFITNXX0LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OS2, LSZH
XFITNXX2LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM2, LSZH
XFITNXX3LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM3, LSZH
XFITNXX4LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM4, LSZH

Note: XX - Core Order: 04, 06, 08...

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OPTICAL FIBER CABLE
Outdoor Stranded Loose Tube Non-metallic





Features & Benefits:

- SM or MM optical fiber performance exceeds the standard
- Excellent mechanical and temperature performance
- Water-blocking compound/material filled both in and out the loose tube
- Excellent ultraviolet prevention with PE sheath
- All dielectric structure to prevent it from electromagnetic influence

Standard Compliance:

- ISO/IEC 11801
- ITU-T G.651/G.652G.655/G.657
- IEC 60793-1
- IEC 60793-2
- IEC 60794-1
- IEC 60794-3
- FLUKE TEST

Construction:

Fiber Type	G.652D/OM2/OM3/OM4	
	Fiber Core	2-144
Loose Tube	Material	PBT
	Max. Fiber per Tube	6/12
Central Strength Member	≤72 core	FRP
	>72 core	FRP + PE
Sheath	Material	PE
	Color	Black

Mechanical and Environmental Performance:

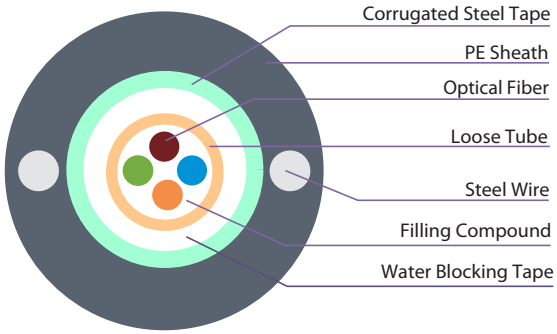
Tensile (Long Term/Short Term) (N)	600/1500
Crush (Long Term/Short Term) (N/100mm)	300/1000
Bend Radius (Static/Dynamic) (D)	10/20
Installation Temperature (°C)	-30~70
Storage and Operation Temperature (°C)	-30~70

Item #	Description
XFOLNXX0PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OS2
XFOLNXX2PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM2
XFOLNXX3PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM3
XFOLNXX4PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM4

Note: XX - Core Order: 04, 06, 08...

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OPTICAL FIBER CABLE
Outdoor Stranded Loose Tube, Steel Tape





Features & Benefits:

- Corrugated steel tape enhances cable crush-resistance, impact-resistance and moisture-proof
- Two parallel steel wires ensure tensile strength, PE sheath protects cable from ultraviolet radiation
- Small diameter, lightweight and installation friendliness long delivery length
- Standard wooden drum with protection
- Standard reel length: 2/3 km/reel, other length is also available

Standard Compliance:

- ISO/IEC 11801
- ITU-T G.651/G.652/G.655/G.657
- IEC 60793-1
- IEC 60793-2
- IEC 60794-1
- IEC 60794-3
- FLUKE TEST

Technical Data:

Fiber counts		2 - 8	10 - 12
Optical Fiber	Type	G. 652D/OM2/OM3/OM4	G. 652D/OM2/OM3/OM4
Loose Tube	Material	PBT	PBT
	Diameter	2.0 ± 0.1 mm	2.1 ± 0.1 mm
	Structure	Central loose tube	Central loose tube
Corrugated steel tape		Yes	Yes
Water blocking tape		Yes	Yes
Two parallel steel wires diameter		0.8 ± 0.1 mm	0.8 ± 0.1 mm
Cable diameter		7.5 ± 0.2 mm	7.8 ± 0.2 mm
Cable weight		57 Kg/Km	60 Kg/Km
Tension		600/1500 N	600/1500 N
Crush		300/1000 (N/100mm)	300/1000 (N/100mm)
Min. Bending radius		Short: 20-time cable diameter	Short: 20-time cable diameter
		Long: 10-time cable diameter	Long: 10-time cable diameter
Temperature range		Storage: -40°C to 70°C	Storage: -40°C to 70°C
		Operation: -40°C to 70°C	Operation: -40°C to 70°C
Application		Long-distance communications	Long-distance communications

Item #	Description
XFOLSXX0PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OS2
XFOLSXX2PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM2
XFOLSXX3PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM3
XFOLSXX4PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM4

Note: XX - Core Order: 04, 06, 08...

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Optical Cabling Products

Optical Fiber Patch Panel With Splice Tray





Features:

- Rack mounting 19 standard sizes, light weight
- Suitable for ribbon and single fiber
- Various panel plates to fit different adapter interface
- 24C, 36C, 48C optional, with or without fiber optic pigtails and adapters
- Easy for management and operation

Application:

- Telecommunications subscriber loop
- Fiber to the home (FTTH)
- LAN/WAN
- CATV

Compliance:

- ISO/IEC11801:2008
- ANSI/TIA/EIA 568-C.3
- FLUKE TEST

Optical Performance:

Insertion Loss	≤ 0.3
Return Loss	≥ 35

Construction:

SIZE	MAX CAPACITY	MOUNTING	TYPE	MATERIAL
482 x 240 x 43.6	24 Port SC, 48 Port LC	Rack mount	Fixed Type	SPCC

Item #	Description
XAOU241A	Optic Fiber Patch Panel (24 port SC, 48 port duplex LC, adaptor unloaded, with Splice Tray, 1U)

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Optical Cabling Products

Optical Fiber Patch Panel





Features:

- Rack mounting 19 standard size, lightweight
- Suitable for ribbon and single fiber
- Various panel plates to fit different adapter interface
- 24C, 36C, 48C, 96C,144C, optional, with or without fiber optic pigtails and adapters
- Easy for management and operation

Application:

- Telecommunications subscriber loop
- Fiber to the home (FTTH)
- LAN/WAN
- CATV

Compliance:

- ISO/IEC11801:2008
- ANSI/TIA/EIA 568-C.3
- FLUKE TEST

Optical Performance:

Insertion Loss	≤ 0.3
Return Loss	≥ 35

Construction:

SIZE	MAX CAPACITY	MOUNTING	TYPE	MATERIAL
430 x 327 x 1U	24 Port SC, 48 Port LC	Rack mount	Slidding Type	SPCC
430 x 327 x 2U	48 Port SC, 96 Port LC	Rack mount	Slidding Type	SPCC
430 x 327 x 3U	72 Port SC, 144 Port LC	Rack mount	Slidding Type	SPCC

Item #	Description
XAOU481S	Optic Fiber Patch Panel (Universal, 24 port SC,ST, FC, 48 port duplex LC, adaptor unloaded, Slidding Type, 1U)
XAOU962S	Optic Fiber Patch Panel (Universal, 48 port SC,ST, FC, 96 port duplex LC, adaptor unloaded, Slidding Type, 2U)
XAOU1443S	Optic Fiber Patch Panel (Universal, 72 port SC,ST, FC, 144 port duplex LC, adaptor unloaded, Slidding Type, 3U)

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Optical Cabling Products

Optical Fiber Patch Panel



Features:

- Rack mounting 19 standard sizes, lightweight
- Suitable for ribbon and single fiber
- Various panel plate to fit different adapter interface
- 144C, 288C optional, with or without fiber optic pigtails and adapters
- Easy for management and operation

Application:

- Telecommunications subscriber loop
- Fiber to the home (FTTH)
- LAN/WAN
- CATV

Compliance:

- ISO/IEC11801:2008
- ANSI/TIA/EIA 568-C.3
- FLUKE TEST

Optical Performance:

Insertion Loss	≤ 0.3
Return Loss	≥ 35

Construction:

SIZE	MAX CAPACITY	MOUNTING	TYPE	MATERIAL
439 x 452.5 x 240 (4U)	144Port SC, 288 Port LC	Rack mount	Fixed Type	SPCC

Item #	Description
XAOU2884	Optic Fiber Patch Panel (Universal, 144 port SC, 288 port duplex LC, adaptor unloaded, with Splice Tray, 4U)

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Optical Cabling Products

Optical Fiber Adaptor










Features:

- Compatible, repeatable, interchangeable
- High-precision, high-quality material
- Good stability
- Low insertion loss and high return loss

Compliance:

- ISO/IEC11801 2008
- ANSI/TIA/EIA 568-C.3
- IEC 61754
- FLUKE TEST

Optical Performance:

Insertion Loss (db)	≤ 0.2 (SM); ≤ 0.1(MM)
Interchangeability	≤ 0.2dB

Physical Performance:

Adaptor Material	Ceramics	
Outer Cover Material	Zinc alloy (FC,ST), PC (LC, SC)	
Work/storage Temperature	-40˚C ~ 80˚C	-25˚C ~ 70˚C
Mechanical Durability	≥ 500 times	

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Optical Cabling Products

Optical Fiber Adaptor

X	CATEGOGY	CONNECTOR	CONNECTOR STYLE	FIBER TYPE
1	2	3	4	5

1	X XCABLE Accessories
2	CATEGOGY AS: Adaptor Simplex AD: Adaptor Duplex A4: Adaptor 4 core
3	CONNECTOR 0: ST 1: SC 2: LC 3: FC
4	CONNECTOR STYLE P: PC U: UPC A: APC
5	FIBER TYPE 0: SM 1: MM

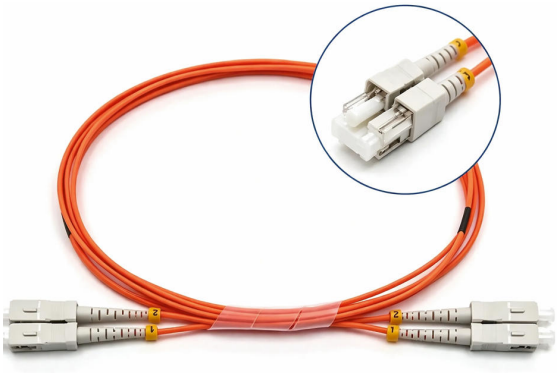
Ordering Information

XAS1P1	SC/PC MM simplex adaptor
XAS1P0	SC/PC SM simplex adaptor
XAD2P1	LC/PC MM duplex adaptor
XAD2P0	LC/PC SM duplex adaptor
XAS1U1	SC/UPC MM simplex adaptor
XAS1U0	SC/UPC SM simplex adaptor
XAD2U1	LC/UPC MM duplex adaptor
XAD2U0	LC/UPC SM duplex adaptor
XAS1A1	SC/APC MM simplex adaptor
XAS1A0	SC/APC SM simplex adaptor
XAD2A1	LC/APC MM duplex adaptor
XAD2A0	LC/APC SM duplex adaptor

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Optical Cabling Products

Optical Fiber Patch Cord and Pigtail





Features:

- Simplex and duplex adaptors
- OM2, OM3, OS2, and G657A fibers
- PC, UPC and APC
- Available in different colors and lengths

Construction:

Color	Yellow (Singlemode) Orange (Multimode)
Cable Diameter (mm)	Simplex 2.8(±0.1) Duplex 2.8*2(±0.1)
Length (m)	Customized
Jacket	LSZH
Flammability	IEC 60332-1
Fiber Performance	Meet the requirement
Operating Temperature	-25˚C ~ 70˚C
Insertion Strength	≤19.6N
Pulling Force	≤19.6N
Axial Tensile Strength	≥40N

Compliance:

- ISO/IEC11801 2008
- ANSI/TIA/EIA 568-C.3
- IEC 61754
- IEC 61300
- FLUKE TEST

Optical Performance:

Insertion Loss (db)	≤0.3 (SM)
	≤0.2 (mm)
Return Loss (db)	≥45
Insertion Loss Variation (db)	≤0.2
Return Loss Variation (db)	≤5

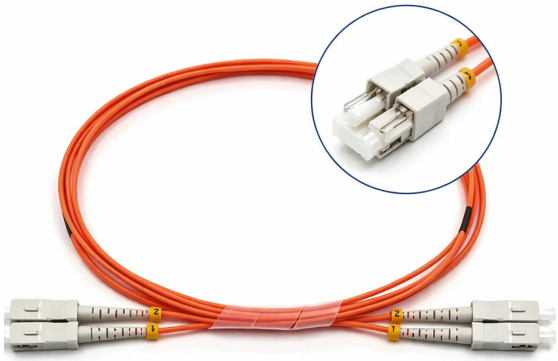
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Optical Cabling Products

Optical Fiber Patch Cord and Pigtail

Patch Cord

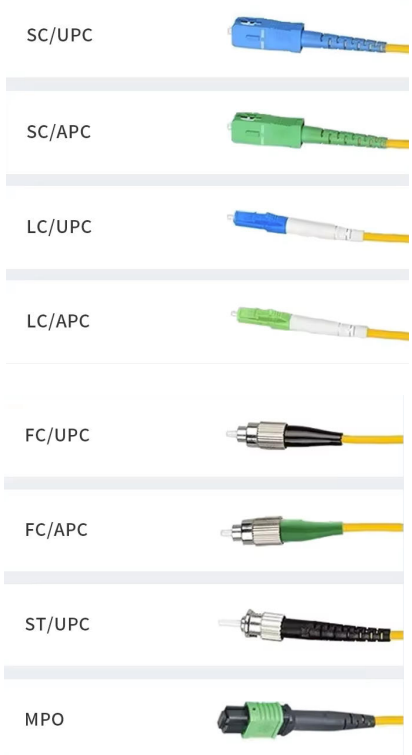
X	CATEGOGY	CONNECTOR	CONNECTOR STYLE	FIBER TYPE	JACKET	LENGTH
1	2	3	4	5	6	7



1	X XCABLE Accessories
2	CATEGOGY FS: Fiber Simplex FD: Fiber Duplex
3	CONNECTOR 0: LC-LC 1: SC-SC 2: ST-ST 3: FC-FC 4: SC-LC 5: LC-ST 6: LC-FC 7: ST-SC 8: ST-FC 9: SC-FC
4	CONNECTOR STYLE P: PC U: UPC A: APC
5	TYPE 0: SM 1: O1 2: O2 3: O3 4: O4
6	JACKET LZ: LSZH
7	LENGTH(Default 3m) X: X(m)

Pigtail

X	CATEGOGY	CONNECTOR	CONNECTOR STYLE	FIBER TYPE	JACKET	LENGTH
1	2	3	4	5	6	7



1	X XCABLE Accessories
2	CATEGOGY FTS: Fiber Simplex FTD: Fiber Duplex
3	CONNECTOR 0: ST 1: SC 2: LC 3: FC
4	CONNECTOR STYLE P: PC U: UPC A: APC
5	TYPE 0: SM 1: O1 2: O2 3: O3 4: O4
6	JACKET LZ: PE:
7	LENGTH(Default 1m) X: X(m)

Ordering Information		
	XFD0U2LZ3	3m LC-LC OM2 50/125 Multimode Duplex Fiber Patch Cable
	XFTS2U0LZ1	1m LC/UPC 9/125 Single Mode Simplex Fiber Pigtail

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Rack Cabinets Catalogue

Server R

Product Description:



- Classic model, disassembled structure, can be flat packing and easy to transport.
- Tempered glass or perforated steel front door with advanced spring lock, Steel rear door with spring lock.
- Removable side panel with latches, easy to install, optional lock.
- Cable entry on the top and bottom, easy to manager cable.
- Adjustable feet and castors are available simultaneously.
- S-shaped mounting profile, free to move forward and back.
- Various optional accessories for common using.

Product Parameters:

- Comply with ANS/ EIA RS-310- D,IEC297-2, DIN41491, PART1, DIN41491, PART7, ETSI Standard.
- SPCC quality cold rolled steel.
- Mounting profile 2.0mm(others: 1.0-1.2mm)
- Body Color: RAL9004, RAL9005, RAL7035
- Static loading: 800kg-1000kg



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Rack Cabinets Catalogue

Server Rack Cabinet

Item No	U Capacity	Front Door(X)	Rear Door(Y)	Size		
				W	D	H
XR2766XY	27U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	1400
XR2768XY				600	800	1400
XR3266XY	32U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	1600
XR3268XY				600	800	1600
XR3261XY				600	1000	1600
XR3288XY				800	800	1600
XR3281XY				800	1000	1600
XR3766XY	37U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	1800
XR3768XY				600	800	1800
XR3761XY				600	1000	1800
XR4266XY	42U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	2000
XR4268XY				600	800	2000
XR4261XY				600	1000	2000
XR4288XY				800	800	2000
XR4281XY				800	1000	2000
XR4766XY	47U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	2200
XR4768XY				600	800	2200
XR4761XY				600	1000	2200
XR4788XY				800	800	2200
XR4781XY				800	1000	2200

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Rack Cabinets Catalogue

W type-Wall Mount Cabinet

Product Description:

- Assembly structure, single section, compatible with 19" standard equipment.
- 5mm tempered glass front door with over 180 turning degree.
- Removable side panel, easy to install.
- Lock optional Cable entry on the top and bottom.
- L-shaped mounting profile, easy to adjustable on the mounting rail.
- Fan cutout on the top, easy to install fan.
- Installing back panel, easy to fix on the wall.
- Various accessories for option.





Product Parameters:

- Comply with ANS/EIA RS-310-D, IEC297-2, DIN41491, PART1, DIN41491, PART7, ETSI Standard.
- SPCC quality cold rolled steel.
- Mounting profile 1.0mm-1.5mm (others: 0.6mm-0.8mm).
- Static loading: 30kg-60kg

Item No	U Capacity	Size			Packaging Size (mm)
		W	D	H	
XR0454T	4U	530	400	240	580 x 450 x 170
XR0654T	6U	530	400	300	580 x 450 x 170
XR0954T	9U	530	400	450	580 x 500 x 170
XR1254T	12U	530	400	600	650 x 580 x 140

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Rack Cabinets Catalogue

T type-Wall Mount Cabinet

Product Description:

- Steel frame with assistant profile unassembled structure.
- Single section, compatible with 19" standard equipment.
- 5mm tempered glass front door with over 180 turning degree.
- Cable entry on the top and bottom.
- L-shaped mounting profile, easy to adjustable on the mounting rail.
- Fan cutout on the top, easy to install fan.
- Back panel with four mounting holes, easy to fix on the wall.
- Various accessories for option.





Product Parameters:

- Comply with ANS/EIA RS-310-D, IEC297-2, DIN41491, PART1, DIN41491, PART7, ETSI Standard.
- SPCC quality cold rolled steel.
- Mounting profile 1.5mm(others: 0.8mm - 1.0mm).
- Static loading: 30kg-60kg







Item No	U Capacity	Size			Packaging Size (mm)
		W	D	H	
XR0464T	4U	600	450	280	650 x 500 x 170
XR0466T		600	600	280	580 x 650 x 170
XR0664T	6U	600	450	350	650 x 500 x 170
XR0666T		600	600	350	580 x 650 x 170
XR0964T	9U	600	450	500	650 x 500 x 170
XR0966T		600	600	500	580 x 450 x 170
XR1264T	12U	600	450	650	650 x 700 x 170
XR1266T		600	600	650	580 x 700 x 170
XR1564T	15U	600	450	750	650 x 800 x 170
XR1566T		600	600	750	580 x 800 x 170

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XCable
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GLOBAL COMPLIANCE & QUALITY ASSURANCE

XCable is dedicated to providing high-performance ELV infrastructure solutions. Our products are manufactured to the highest international standards, ensuring reliability, efficiency, and future-proof networks. We partner with customers globally to build the connected world.

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Zalo

