



 **HEIZKA**

PRODUCT



About Heizka

Heizka Cable and its parent company ChipCorp. have been serving in the computer technology and telecommunication cable industries since 1989.

Heizka Cable is headquartered in New York – US. Our products are now distributed in over 20 countries around the world.

Heizka Cable brought the first optical fiber cable in bulk – outside plant loose tube cable in 2010. In 2011, the company started to grow their optical fiber connectivity portfolio adding connectors, enclosures, cassettes, pigtails, testing and cleaning equipment. Since 2016, they have expanded their distribution with three locations in New York, the Netherlands and Singapore. Heizka Cable has over 300 dedicated professionals with expertise in R&D, sales & marketing, product development, QC, administration and manufacturing spread across America, Europe and Asia.

Heizka Cable is a one-stop shop for all your low-voltage needs, whether you're a contractor, an installer, or a business owner. We offer a wide variety of products to suit your needs, including copper and fiber optic cables, patch panels, and more. Our knowledgeable staff is always available to help you find the right products for your project and to provide you with the technical support you need to get the job done.

At Heizka Cable, we understand the importance of having reliable and high-quality cables and networking products. That's why we are committed to providing our customers with the best products and services in the industry. Contact us today to learn more about our products and how we can help you with your next project.



Products

We maintain, and constantly update a high-performance and cost effective product line. We have put in place stringent quality control procedures to ensure that Heizka Cable's products are inspected and/or tested to comply with strict FCC, TIA, TAA and UL standards, whenever applicable. Our products meet or exceed industry standards such as ETL, UL, CSA and TIA. Heizka Cable is a proud member of BICSI and CEDIA.

Restriction of Hazardous Substances

RoHS (Restriction of Hazardous Substances) is a significant regulation in the electronics and consumer electronics industries. Proposed by the European Union (EU), this standard restricts the use of six hazardous substances, such as lead, mercury, cadmium, hexavalent chromium, PBBs, and PBDEs, in the production of electronic products. RoHS aims to protect the environment and human health from chemical pollution risks. Products complying with RoHS are safer and more environmentally friendly, promoting sustainable development in the industry and ensuring consumer safety when using electronic devices.



CE Marking



CE standard is abbreviated with the phrase "Conformité Européenne", whose full and official name is CE Marking. CE is a mandatory label to encode goods exported to the EU market. CE Marking certification indicates that the Bao product complies with the laws of the European Union (EU - European Union) and allows oil products to circulate freely in the European market. By affixing the CE mark to the product, the manufacturer declares on its sole responsibility that the product legally meets all requirements of European Union regulations for CE Marking standards.

Building Industry Consulting Service International

BICSI (Building Industry Consulting Service International) is an organization specializing in information technology and network infrastructure consulting. Established in 1974, BICSI provides standards, guidelines, training, and certifications in network infrastructure and fiber optic systems. Its standards and guidelines ensure stable, efficient, and secure network systems, supporting professionals in the IT and telecommunication industry to achieve higher quality and standards. BICSI also offers training and certifications like RCDD (Registered Communications Distribution Designer) and CDCDP (Certified Data Center Design Consultant) to enhance professional knowledge and expertise.



Product Portfolio

CAT7A S/FTP Cable	A1
CAT6A U/UTP Cable	A3
CAT6 F/UTP Cable	A5
CAT6 UTP Cable	A7
CAT5E U/UTP Cable	A9

CAT7A Patch Cord	B1
CAT6A Patch Cord	B2
CAT6 Patch Cord	B3
CAT5E Patch Cord	B4

CAT6 Patch Panel, Unshielded	C1
Faceplate	C2, C3
Floor Socket	C4

14AWG Shielded Cable 1 Pair	D1
16AWG Shielded Cable 1 Pair	D2
18AWG Shielded Cable 1 Pair	D3
16AWG Shielded Cable 2 Pair	D4
14AWG Shielded Cable 2 Pair	D5

Shielded, LSHZ 2x2.5mm ²	E1
Shielded, LSHZ 2x1.5mm ²	E2
Unshielded, LSHZ 2x1.5mm ²	E3
Shielded, LSHZ 2x1.0mm ²	E4

Indoor Tight Buffer Fiber Optic Cable	F1
Outdoor Stranded Loose Tube, Non-metallic	F2
Outdoor Stranded Loose Tube, Steel Tape	F3

Optical Fiber Patch Panel Fixed Type	G1
Optical Fiber Patch Panel With Rail	G2
Optical Fiber Patch Panel Fixed Type	G3

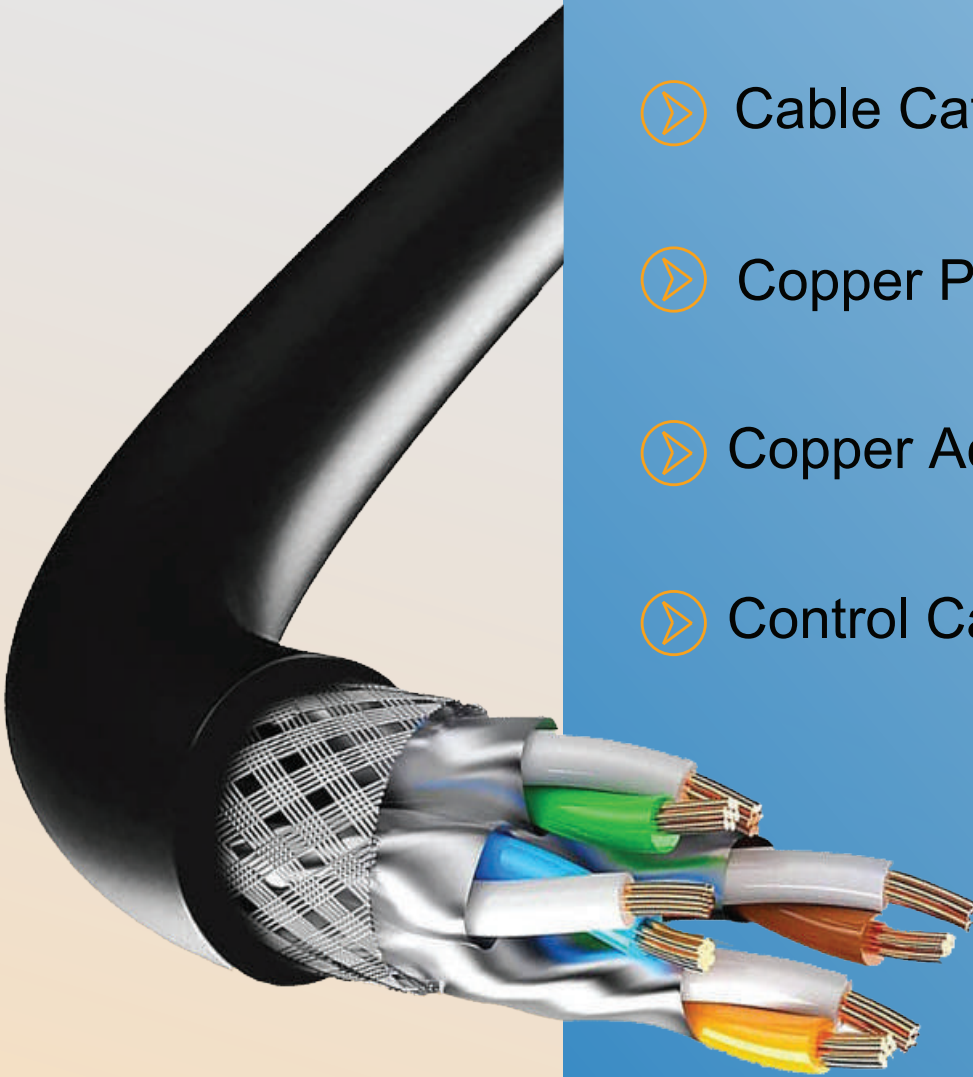
Optical Fiber Adaptor	H1
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Optical Fiber Patch Cord and Pigtail	I1
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Rack Cabinets	K1
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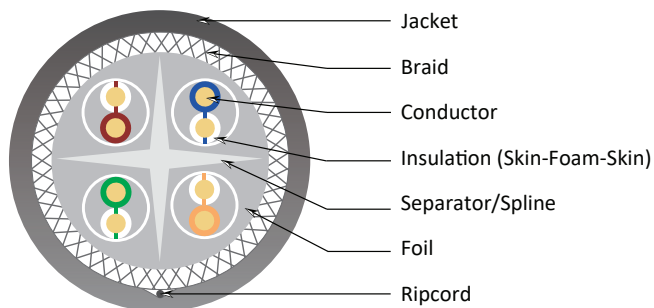
Copper Cable Products

- Cable Category 7
- Cable Category 6
- Cable Category 5
- Copper Patch Cord
- Copper Accessories
- Control Cable



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.

Standard Compliance:

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

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

Item

Description

HEC7ASF3PE	CAT7A S/FTP, PE, Black, 305m/Box
HEC7ASF1CM	CAT7A S/FTP, CM, Blue, 305m/Box
HEC7ASF1PC	CAT7A S/FTP, PVC, Blue, 305m/Box
HEC7ASF5LZ	CAT7A S/FTP, LSZH, Orange, 305m/Box

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

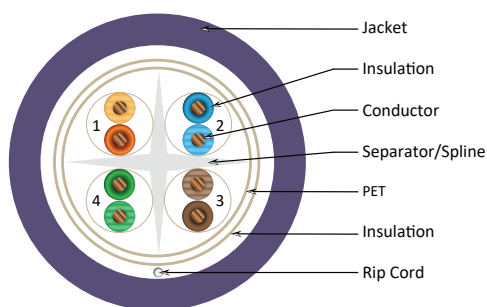
Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (Ω)	1~100MHz100±15% 100~250MHz100±22% 250~500MHz100±25%
NVP	78%
Propagation Delay	≤25ns

Transmission Performance

FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	EL FEXT	PS EL FEXT	PSANEXT	PSAACR-F
(MHz)	Min. (dB)	Max. (dB/100M)	Max. (ns)	Max. (ns)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (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

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.

Standard Compliance:

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

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

Item

Description

HEC6AU3PE	CAT6A U/UTP, PE, Black, 305m/Box
HEC6AU1CM	CAT6A U/UTP, CM, Blue, 305m/Box
HEC6AU1PC	CAT6A U/UTP, PVC, Blue, 305m/Box
HEC6AU5LZ	CAT6A U/UTP, LSZH, Orange, 305m/Box

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

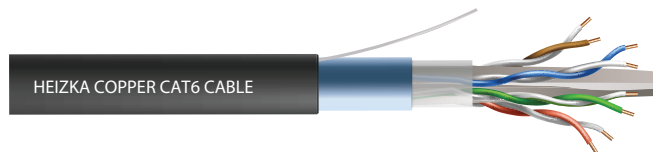
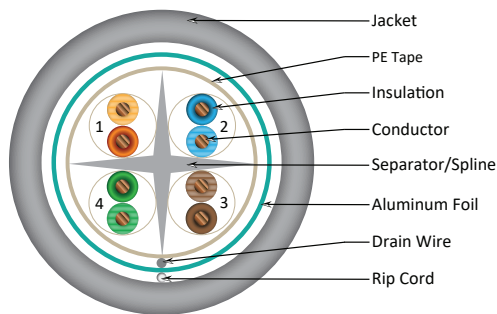
DC Resistance of Each Conductor	≤9.38Ω/100m
Unbalance DC Resistance of Each Pair	≤2.5%
Impedance (Ω)	1~100MHz 100±15% 100~250MHz 100±22% 250~500MHz 100±25%
NVP	65%
Propagation Delay	≤45ns/100m

Transmission Performance

FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	EL FEXT	PS EL FEXT	PSANEXT	PSAACR-F
(MHz)	Min. (dB)	Max. (dB/100M)	Max. (ns)	Max. (ns)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (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

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

Standard Compliance:

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

Item

Description

HEC60S3PE	CAT6 F/UTP, PE, Black, 305m/Box
HEC60S1CM	CAT6 F/UTP, CM, Blue, 305m/Box
HEC60S1PC	CAT6 F/UTP, PVC, Blue, 305m/Box
HEC60S5LZ	CAT6 F/UTP, LSZH, Orange, 305m/Box

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

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

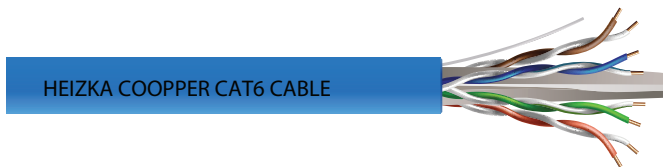
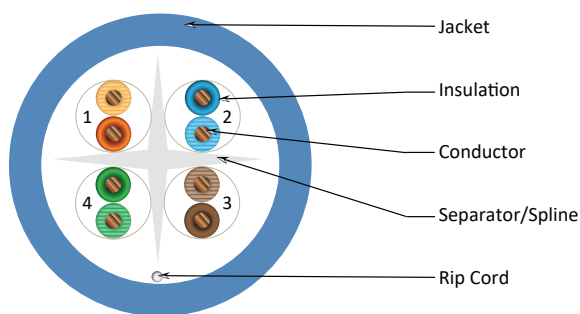
Tensile	110N
Min. Bend Radius	10 times max jacket diameter
Installation and Storage Temperature	0~70°C(32~158°F)
Operating Temperature	-20~70°C(-4~158°F)

Transmission Performance

FREQUENCY	RL	IL	DoP	Skew	NEXT	PSNEXT	ACR-F	PSAACR-F
(MHz)	Min. (dB)	Max. (dB/100M)	Max. (ns)	Max. (ns)	Min. (dB)	Min. (dB)	Min. (dB)	Min. (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

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

Standard Compliance:

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

Item

Description

Item #	Description
HEC61U3PE	CAT6 24AWG, U/UTP, PE, Black, 305m/Box
HEC61U1CM	CAT6 24AWG,U/UTP, CM, Blue, 305m/Box
HEC61U1PC	CAT6 24AWG, U/UTP, PVC, Blue, 305m or 500m/Box
HEC61U5LZ	CAT6 24AWG, U/UTP, LSZH, Orange, 305m/Box

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

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%

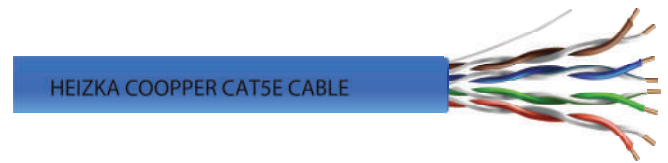
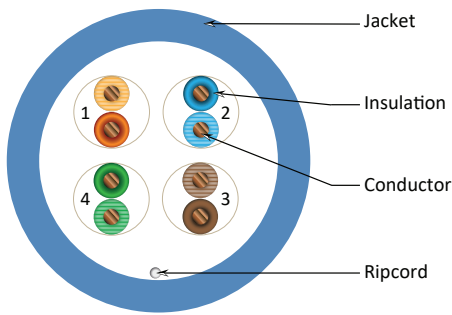
Nominal Transmission Characteristics:

	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

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

Item #	Description
HEC5EU3PE	CAT5E U/UTP, PE, Black, 305m/Box
HEC5EU1CM	CAT5E U/UTP, CM, Blue, 305m/Box
HEC5EU1PC	CAT5E U/UTP, PVC, Blue, 305m/Box
HEC5EU5LZ	CAT5E U/UTP, LSZH, Purple, 305m/Box

Standard Compliance:

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

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

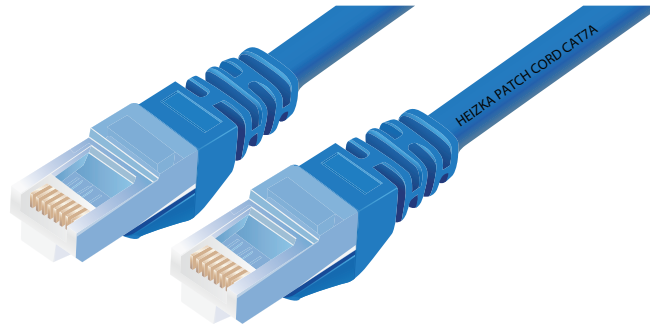
Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (ohms)	1~100MHz 100±15%
NVP	69%
Propagation Delay	≤45ns

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)

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

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

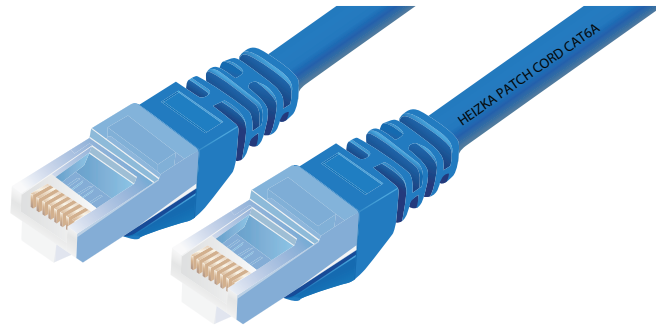
HEA	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7
1	HEA Heizka Accessories	4	STRUCT F: F/UTP U: U/UTP S: S/FTP	6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC	7
2	CATEGORY C: Copper	5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White	7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m)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

Ordering Information

HEAC7AU1CM2	CAT7A U/UTP Patch Cord Unshielded, BLUE, CM, 2m
HEAC7AF1CM2	CAT7A F/UTP Patch Cord Shielded, BLUE, CM, 2m
HEAC7AS1CM2	CAT7A S/FTP Patch Cord Shielded, BLUE, CM, 2m

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

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

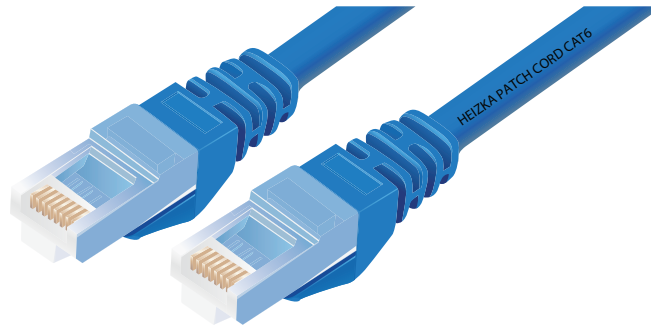
HEA	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH	
1	2	3	4	5	6	7	
1	HEA Heizka Accessories	4	STRUCT F: F/UTP U: U/UTP S: S/FTP	6	JACKET CR: CRM CM: CM LZ: LSZH PC: PVC	7	LENGTH X: X(m) 1: 1(m) 2: 2(m) 3: 3(m) 4: 4(m) 5: 5(m)
2	CATEGORY C: Copper	5	COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple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

Ordering Information

HEAC6AU1CM2	CAT6A U/UTP Patch Cord Unshielded, BLUE, CM, 2m
HEAC6AF1CM2	CAT6A F/UTP Patch Cord Shielded, BLUE, CM, 2m
HEAC6AS1CM2	CAT6A S/FTP Patch Cord Shielded, BLUE, CM, 2m

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

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

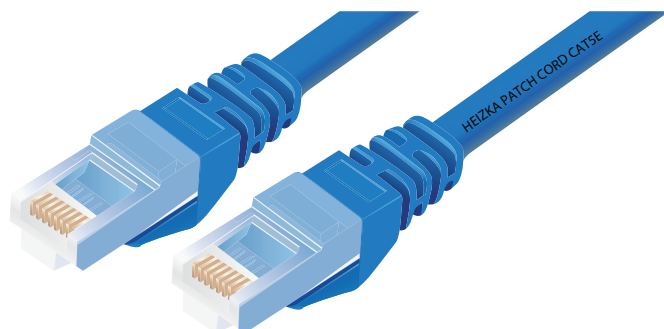
HEA	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7
1 HEA Heizka Accessories	2 CATEGORY C: Copper	3 TYPE COPPER 28Awg - 24Awg	4 STRUCT F: F/UTP U: U/UTP S: S/FTP	5 COLOR 1: Blue 2: Gray 3: Black 4: Orange 5: Purple 6: White	6 JACKET CR: CRM CM: CM LZ: LSZH PC: PVC	7 LENGTH X: X(m) 1: 1(m)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

Ordering Information

HEAC60U1CM2	CAT6 U/UTP Patch Cord Unshielded, BLUE, CM, 2m
HEAC60U1CM3	CAT6 U/UTP Patch Cord Unshielded, BLUE, CM, 3m
HEAC60U1LZ2	CAT6 U/UTP Patch Cord Unshielded, BLUE, LSZH, 2m

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

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

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

HEAC5EU1CM2	CAT5E U/UTP Patch Cord Unshielded, BLUE, CM, 2m
HEAC5EF1CM2	CAT5E F/UTP Patch Cord Shielded, BLUE, CM, 2m
HEAC5ES1CM2	CAT5E S/FTP Patch Cord Shielded, BLUE, CM, 2m

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)

Compliance:

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

Electrical Performance:

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

Item

Description

HEAP60U124	CAT6 24 port Patch Panel Unshielded, 1U
HEAP60U248	CAT6 48 port Patch Panel Unshielded, 2U

Physical Performance:

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

Networking Wall Faceplate

86*86 Size



Characteristics

- Simple and compact design with high-resistance ABS
- Press the edge button, the frame can be open easily for assembly
- 1 Port/2 Port/4 Port available
- Convenient and clear marking
- The front frame can be straight and angled
- RJ45 keystone jack and fiber connectors are compatible with the faceplate
- Faceplate Dimension: 86(L) x 86(W) mm, with thickness 10.2mm

Item #	Description
HEA8601	faceplate, 86x86mm, 1 port
HEA8602	faceplate, 86x86mm, 2 port
HEA8604	faceplate, 86x86mm,4 port



Faceplate US type

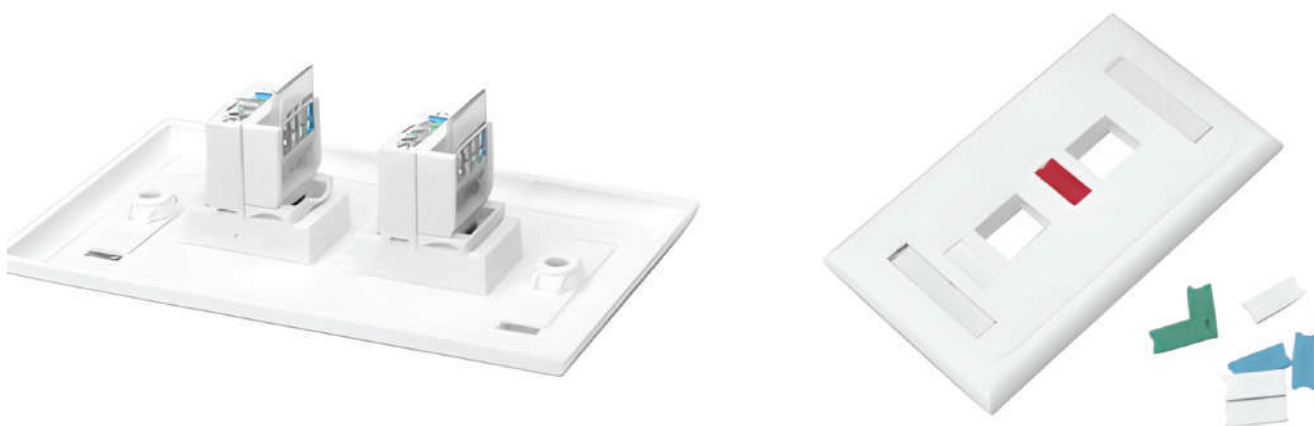
for RJ45 networks



Characteristics

- The faceplate is US type with dimensions 114*70mm
- It can be 1/2/3/4/6 port
- 1 Port/2 Port/4 Port available
- Perfectly loaded with all standard RJ45 keystone jacks
- The faceplate features white paper and a label holder for identification
- 1 part type for fast and easy installation

Item #	Description
HEA14701	US faceplate, 1 port
HEA14702	US faceplate, 2 port
HEA14703	US faceplate, 3 port
HEA14704	US faceplate, 4 port
HEA14706	US faceplate, 6 port



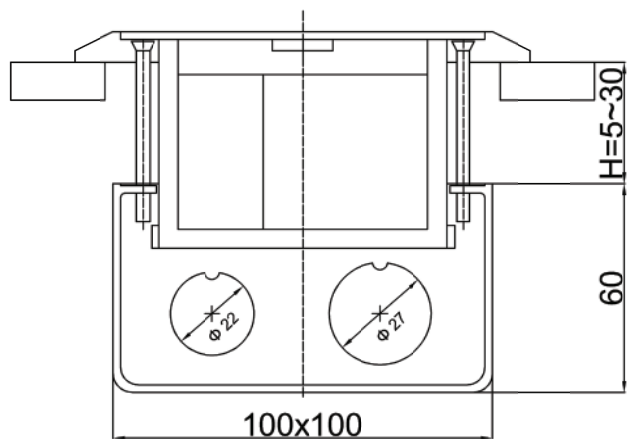
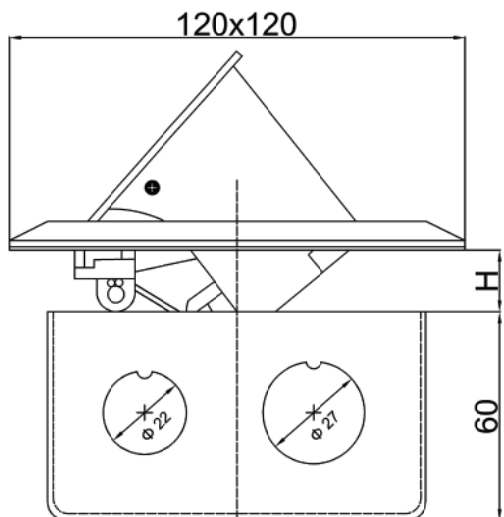
Floor Socket



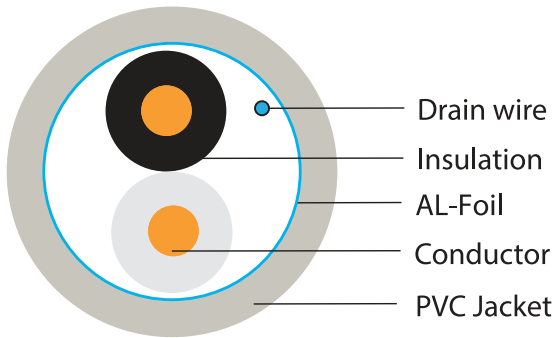
Features:

- The pop-up floor socket 2 port provides a practical
- This product is versatile and can be assembled in various ways with RJ45 network, HDMI, USB, optical fiber
- It has a low profile and stylish metal cover, and the socket can be used at the push of a button
- The pop-up window, when closed, prevents the entry of spray water
- Material: Brass alloy, or Alu alloy
- Size: 120x120mm

Item #	Description
HEAFS02	Floor Socket 2 Port



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

Applications:

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

Item

HEW14S2PC

Description

Grey, AL-Shield, Twisted, 305m PVC

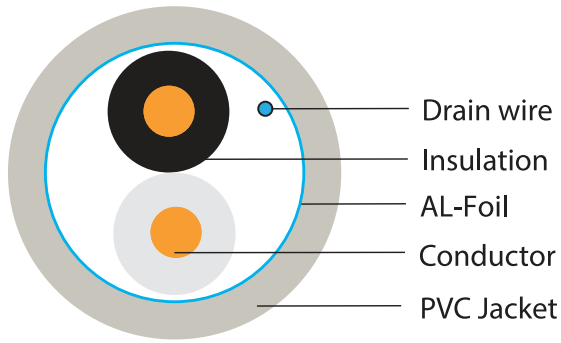
Standard Compliance:

- ISO 9001:2008
- ROHS Compliant

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

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

Applications:

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

Item #	Description
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HEW16S2PC	Grey, AL-Shield, Twisted , 305m PVC
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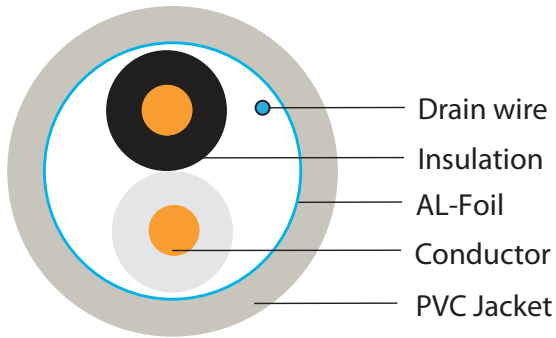
Standard Compliance:

- ISO 9001:2008
- ROHS Compliant

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

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

Applications:

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

Item # Description

HEW18S2PC	Grey, AL-Shield, Twisted , 305m PVC
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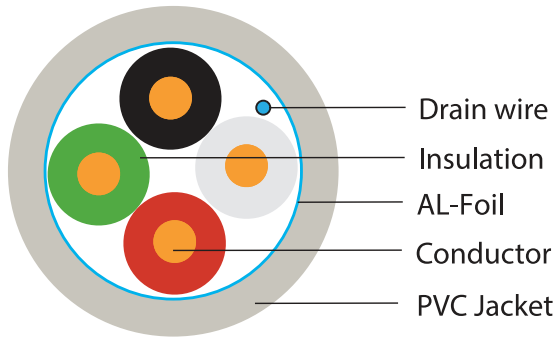
Standard Compliance:

- ISO 9001:2008
- ROHS Compliant

Technical Parameters

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

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

Applications:

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

Item

Description

HEW16S4PC

Grey, AL-Shield, Twisted , 305m PVC

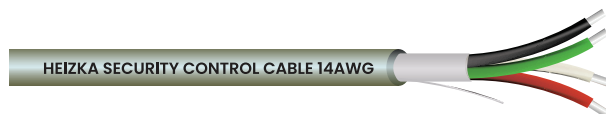
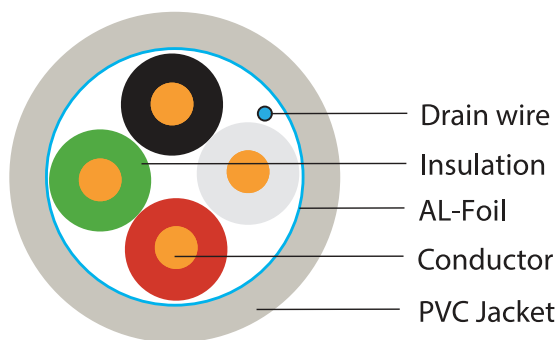
Standard Compliance:

- ISO 9001:2008
- ROHS Compliant

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

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

Applications:

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

Item # Description

HEW14S4PC Grey, AL-Shield, Twisted , 305m PVC

Standard Compliance:

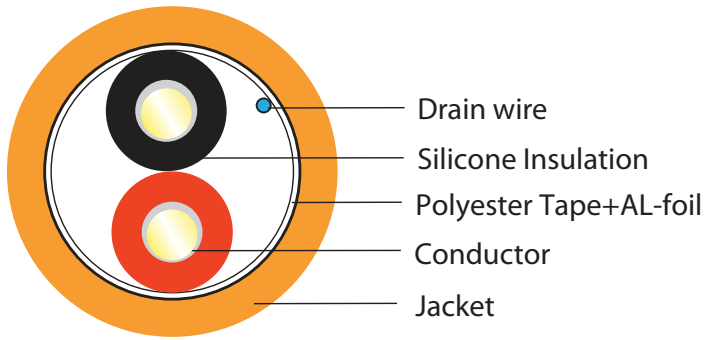
- ISO 9001:2008
- ROHS Compliant

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

Fire Resistant Cable

Shielded, LSZH 2x2.5mm²



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

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 #

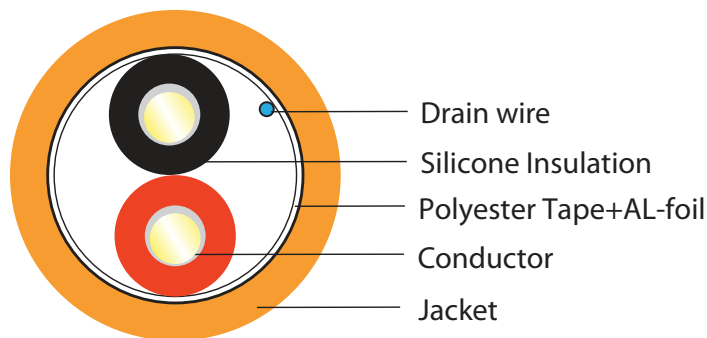
Description

HER25S2LZ

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

Fire Resistant Cable

Shielded, LSZH 2x1.5mm²



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

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 #

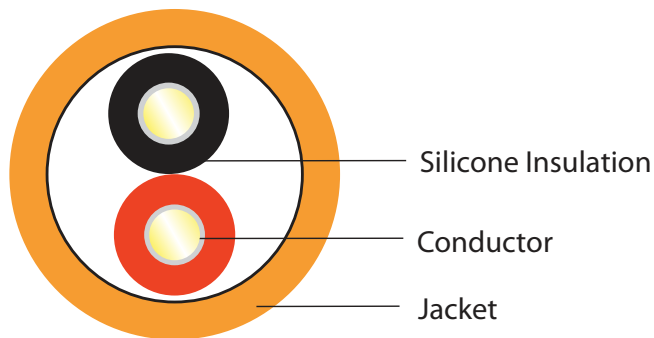
Description

HER15S2LZ

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

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

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
Jacket	Diameter	2.5 ± 0.10 mm
	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

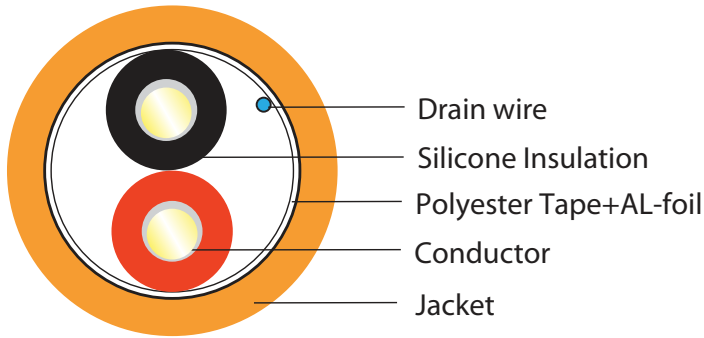
Mechanical Characteristics

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

Item #	Description
HER15U2LZ	Fire Resistant Instrumentation Cable 2x1.5mm ² (16AWG, Unshielded, Twisted pair, Orange, 500m, LSZH)

Fire Resistant Cable

Shielded, LSZH 2x1.0mm²



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

Technical Parameters

No of Code		2 Core
Conductor	Material	Stranded Bare Copper
	Construction	1.0mm ² ; 16/0.24±1%D mm
Insulation	Material	Silicone Insulation
	Coverage rate	100%
	Thickness	0.5mm ± 0.05mm
Shield	Diameter	2.1 ± 0.10 mm
	Material	Polyester Tape + Aluminum Foil
	Coverage rate	100%
Jacket	Drain wire	7/0.18TCmm
	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

Mechanical Characteristics

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

Item #

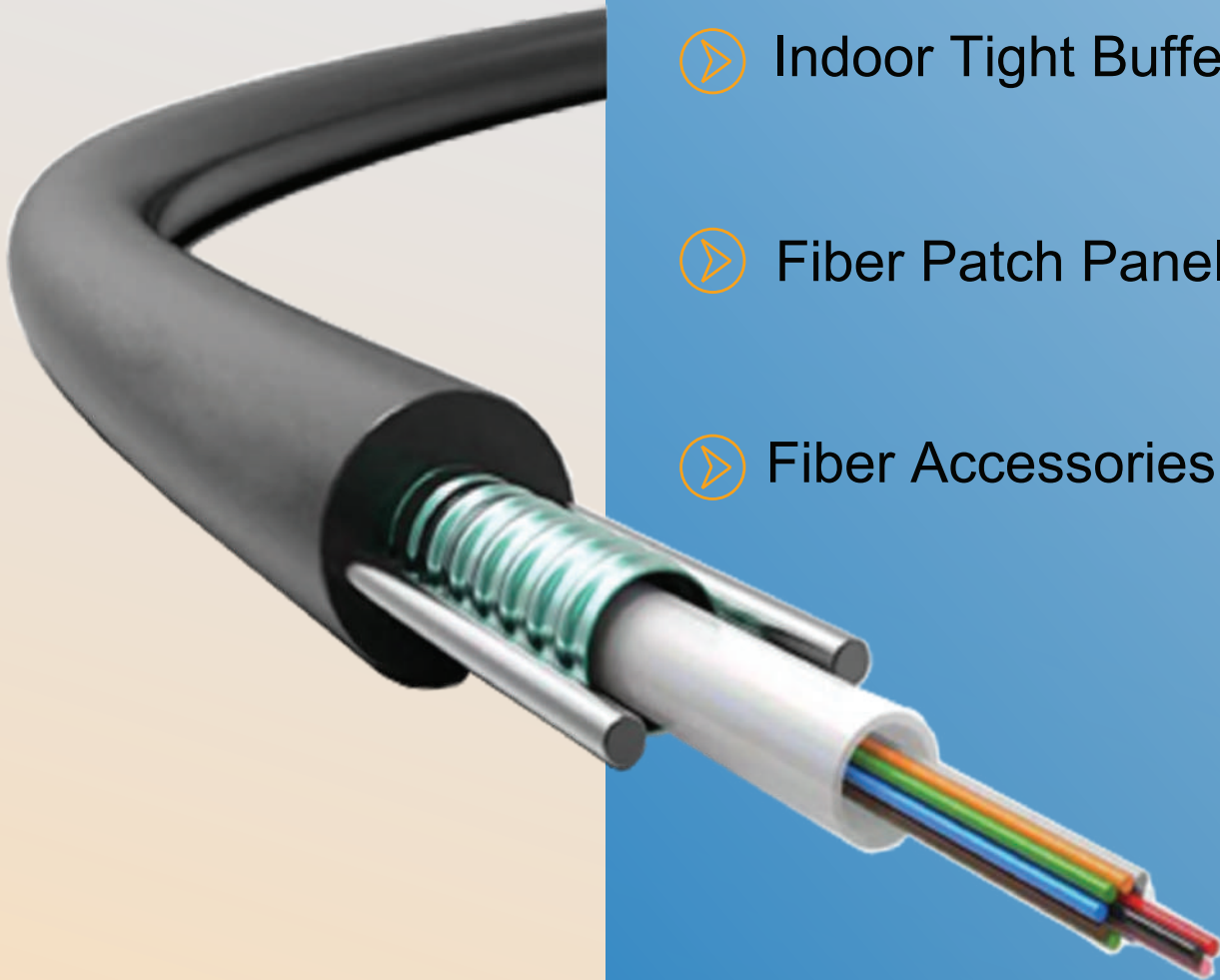
Description

HER10S2LZ

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

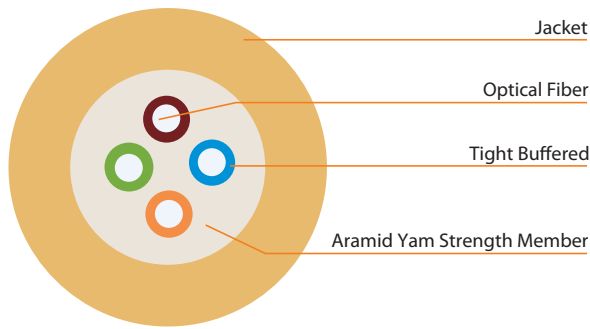
Optical Fiber Cable

- ④ Outdoor Stranded Loose Tube Steel Tape Cable
- ④ Outdoor Stranded Loose Tube Non-metallic Cable
- ④ Indoor Tight Buffer Cable
- ④ Fiber Patch Panel
- ④ Fiber Accessories



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

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	

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			

Mechanical and Environmental Performance:

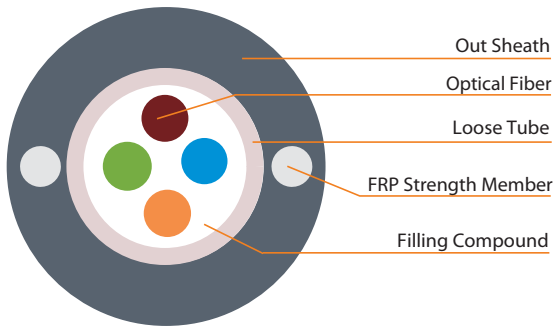
Tensile (Long Term/Short Term) (N)	≤4 cores	70/220
	≤12 cores	200/600
Crush (Long Term/Short Term) (N/100mm)	300/1000	
Bend Radius (Static/Dynamic)(D)	10/20	
Installation Temperature (°C)	-10~70	
Storage and Operation Temperature (°C)	-20~70	

Item #	Description
HEFITNXX0LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OS2, LSZH
HEFITNXX2LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM2, LSZH
HEFITNXX3LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM3, LSZH
HEFITNXX4LZ	Indoor Tight Buffer Optical Fiber Cable, XX Core, OM4, LSZH

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

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

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

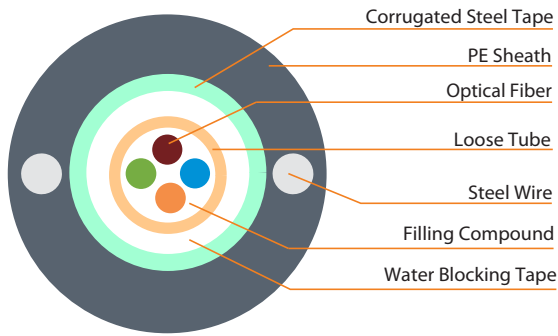
Description

HEFOLNXX0PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OS2
HEFOLNXX2PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM2
HEFOLNXX3PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM3
HEFOLNXX4PE	Outdoor Stranded Loose Tube Non-Metallic CSM Optical Fiber Cable, XX Core, Black, OM4

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

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

Technical Data:

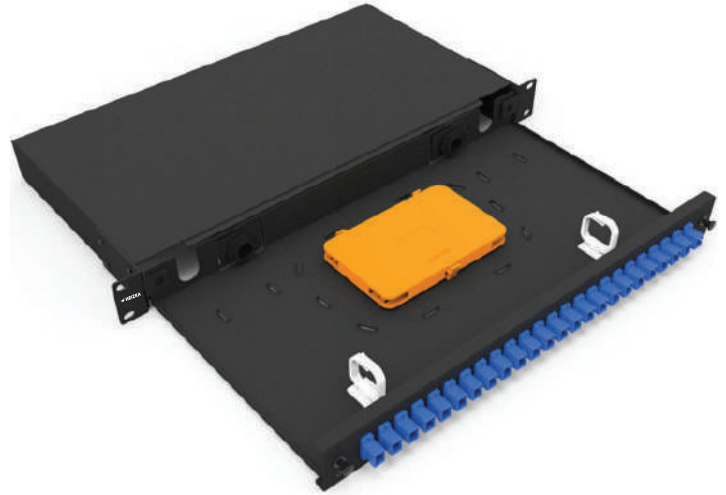
Fiber counts		2 - 8	10 - 12
Optical Fiber	Type	G. 652D/OM2/OM3/OM4	G. 652D/OM2/OM3/OM4
Loose Tube	Material	PBT	PBT
	Diameter	2.0 ± 0.1 mm	2.1 ± 0.1 mm
	Structure	Central loose tube	Central loose tube
Corrugated steel tape		Yes	Yes
Water blocking tape		Yes	Yes
Two parallel steel wires diameter		0.8 ± 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
HEFOLSXX0PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OS2
HEFOLSXX2PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM2
HEFOLSXX3PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM3
HEFOLSXX4PE	Outdoor Stranded Loose Tube, Steel Tape Armor, Optical Fiber Cable, XX Core Black, OM4

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

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

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

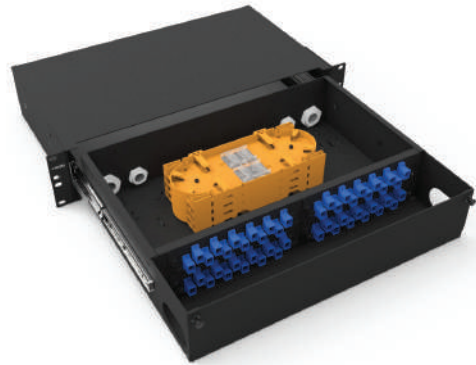
Item

Description

HEAOU241A Optic Fiber Patch Panel (24 port SC, 48 port duplex LC, adaptor unloaded, with Splice Tray, 1U)

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

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

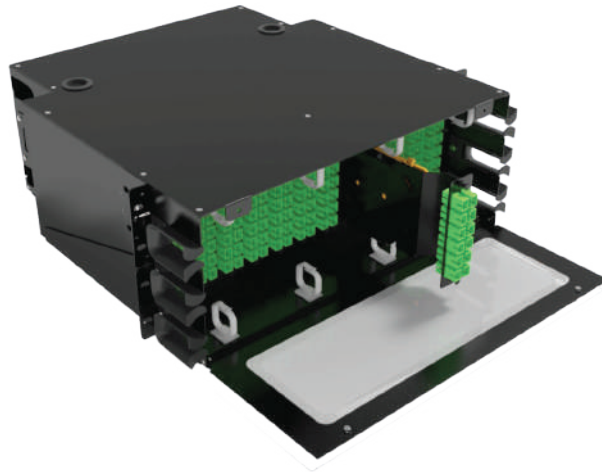
Item

Description

HEAOU481S	Optic Fiber Patch Panel (Universal, 24 port SC,ST, FC, 48 port duplex LC, adaptor unloaded, Slidding Type, 1U)
HEAOU962S	Optic Fiber Patch Panel (Universal, 48 port SC,ST, FC, 96 port duplex LC, adaptor unloaded, Slidding Type, 2U)
HEAOU1443S	Optic Fiber Patch Panel (Universal, 72 port SC,ST, FC, 144 port duplex LC, adaptor unloaded, Slidding Type, 3U)

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 pigtailed 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

Optical Performance:

Insertion Loss	≤ 0.3
Return Loss	≥ 35

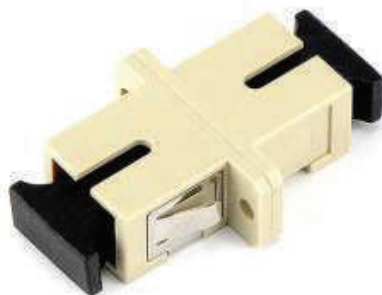
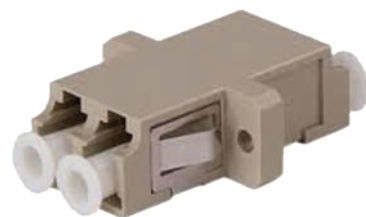
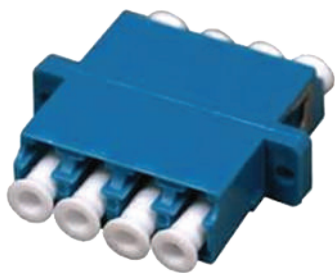
Construction:

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
HEAOU2884	Optic Fiber Patch Panel (Universal, 144 port SC, 288 port duplex LC, adaptor unloaded, with Splice Tray, 4U)

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

Optical Performance:

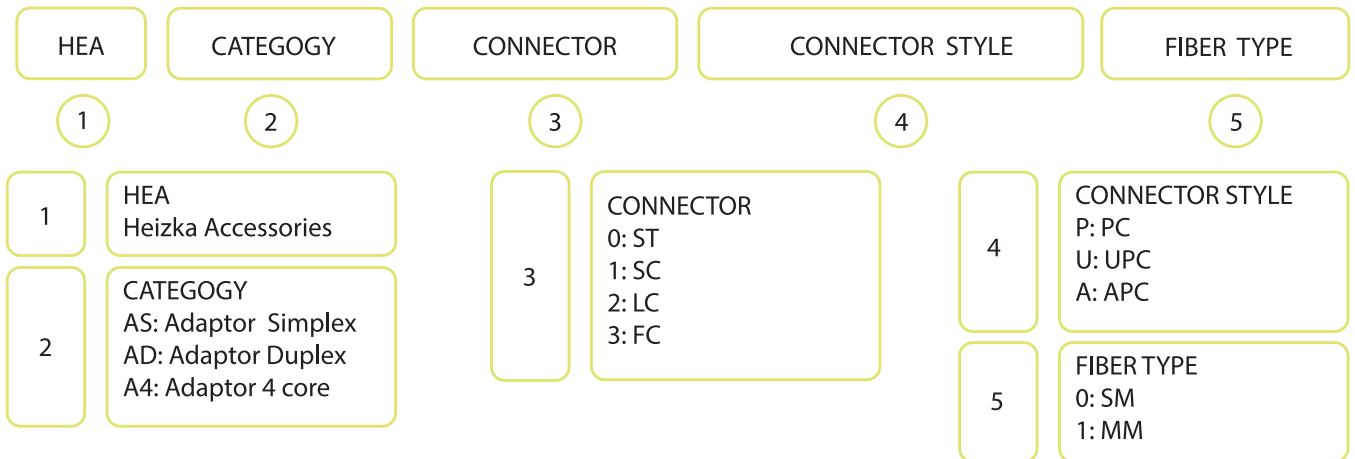
Insertion Loss (db)	≤ 0.2 (SM); ≤ 0.1 (MM)
Interchangeability	≤ 0.2 dB

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	

Optical Cabling Products

Optical Fiber Adaptor



Ordering Information

HEAAS1P1	SC/PC MM simplex adaptor
HEAAS1P0	SC/PC SM simplex adaptor
HEAAD2P1	LC/PC MM duplex adaptor
HEAAD2P0	LC/PC SM duplex adaptor
HEAAS1U1	SC/UPC MM simplex adaptor
HEAAS1U0	SC/UPC SM simplex adaptor
HEAAD2U1	LC/UPC MM duplex adaptor
HEAAD2U0	LC/UPC SM duplex adaptor
HEAAS1A1	SC/APC MM simplex adaptor
HEAAS1A0	SC/APC SM simplex adaptor
HEAAD2A1	LC/APC MM duplex adaptor
HEAAD2A0	LC/APC SM duplex adaptor

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

Compliance:

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

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


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


Optical Cabling Products

Optical Fiber Patch Cord and Pigtail

Patch Cord

HEA	CATEGORY	CONNECTOR	CONNECTOR STYLE	FIBER TYPE	JACKET	LENGTH
1	2	3	4	5	6	7
			1 HEA Heizka Accessories		4 CONNECTOR STYLE P: PC U: UPC A: APC	
			2 CATEGORY 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		5 TYPE 0: SM 1: O1 2: O2 3: O3 4: O4	
					6 JACKET LZ: LSZH	
					7 LENGTH(Default 3m) X: X(m)	

Pigtail

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

Ordering Information	HEAFD0U2LZ3	3m LC-LC OM2 50/125 Multimode Duplex Fiber Patch Cable
	HEAFTS2U0LZ1	1m LC/UPC 9/125 Single Mode Simplex Fiber Pigtail

Rack Cabinets

- Server Rack Cabinet
- W type-Wall Mount Cabinet
- T type-Wall Mount Cabinet
- ELV Box Catalogue



Rack Cabinets Catalogue

Server Rack Cabinet



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



Vented Front



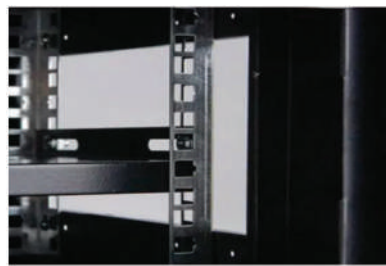
Overhead Fan



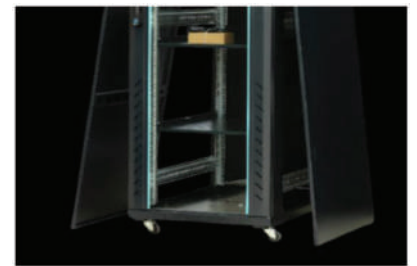
Shelf



Spring Lock



Thickened Mounting Profile



Removable Side Door

Rack Cabinets Catalogue

Server Rack Cabinet

Item No	U Capacity	Front Door(X)	Rear Door(Y)	Size		
				W	D	H
HER2766XY	27U	S = Perforated Steel	1 = 1 Door	600	600	1400
HER2768XY		G = Tempered Glass	2 = 2 Door	600	800	1400
HER3266XY	32U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	1600
HER3268XY				600	800	1600
HER3261XY				600	1000	1600
HER3288XY				800	800	1600
HER3281XY				800	1000	1600
HER3766XY				37U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door
HER3768XY	600	800	1800			
HER3761XY	600	1000	1800			
HER4266XY	42U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door	600	600	2000
HER4268XY				600	800	2000
HER4261XY				600	1000	2000
HER4288XY				800	800	2000
HER4281XY				800	1000	2000
HER4766XY				47U	S = Perforated Steel G = Tempered Glass	1 = 1 Door 2 = 2 Door
HER4768XY	600	800	2200			
HER4761XY	600	1000	2200			
HER4788XY	800	800	2200			
HER4781XY	800	1000	2200			

Rack Cabinets Catalogue

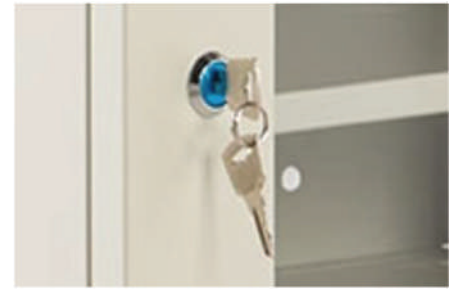
W type-Wall Mount Cabinet



Thickened Mounting Profile



Front Ventilation Holes



Small round lock

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	
HER0454W	4U	530	400	240	580 x 450 x 170
HER0654W	6U	530	400	300	580 x 450 x 170
HER0954W	9U	530	400	450	580 x 500 x 170
HER1254W	12U	530	400	600	650 x 580 x 140

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.

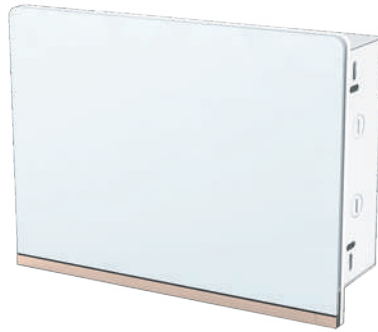
Product Parameters:

- 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	
HER0464T	4U	600	450	280	650 x 500 x 170
HER0466T		600	600	280	580 x 650 x 170
HER0664T	6U	600	450	350	650 x 500 x 170
HER0666T		600	600	350	580 x 650 x 170
HER0964T	9U	600	450	500	650 x 500 x 170
HER0966T		600	600	500	580 x 450 x 170
HER1264T	12U	600	450	650	650 x 700 x 170
HER1266T		600	600	650	580 x 700 x 170
HER1564T	15U	600	450	750	650 x 800 x 170
HER1566T		600	600	750	580 x 800 x 170

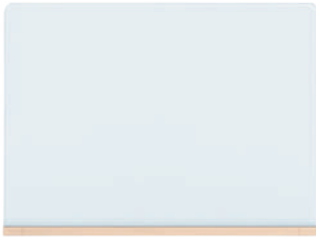
ELV Box Catalogue

Platinum Crystal Series

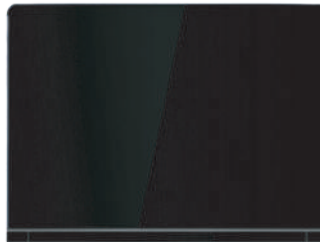


Product Description:

- Aluminum extrusion, CNC finishing, anodic oxidation, laser printing.
- Use toughened glass, CNC cutting, polishing, double screen printing.
- Chamfer grinding, safety and comfort.
- Flame-retardant injection molding, bottom frame is more secure and less worried.
- The box body adopts 1.0mm cold rolled steel CNC stamping forming. CNC bending, spot welding, environmental powder coating.
- Aluminium hinge durable and uses aviation aluminum as raw material. Opening and closing for many times without deformation.
- Panel optional: Crystal white, Crystal black, Transparent tempered glass with black frame.
- Box configuration: Box body, Socket, Panel, U type single layer device bracket.



Crystal white



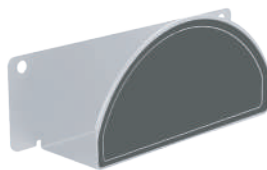
Crystal black



Transparent tempered glass with black frame



Alumina hinge



Device bracket



Chamfer grinding comfortable feel

Ordering Information

Item	Panel optional	Installation dimension	Panel dimension	External dimension
HEBSR14W	Crystal white	300 x 210 x 100	332 x 246 x 14	332 x 246 x 114
HEBSR14B	Crystal black			
HEBSR14G	Tempered glass			

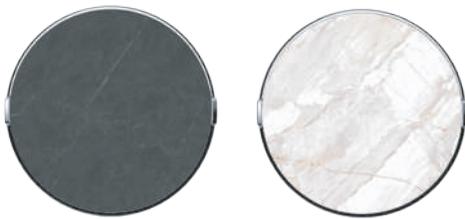
ELV Box Catalogue

Round Series



Product Description:

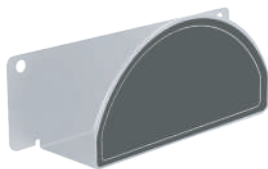
- Aluminum extrusion, CNC finishing, anodic oxidantion, laser printing.
- Use toughened glass, CNC cutting, polishing, double screen printing.
- Chamfer grinding, safety and comfort.
- Flame-retardant injection molding, bottom frame is more secure and less worried.
- The box body adopts 1.0mm cold rolled steel CNC stamping forming. CNC bending, spot welding, environmental powder coating.
- Aluminium hinge durable and uses aviation aluminum as raw material. Opening and closing for many times without deformation.
- Panel optional: Slate panel, Tempered glass.
- Box configuration: Box body, Socket, Panel, U type single layer devise bracket.



Slate



Tempered glass



Device braket



Box body

Ordering
Information

Item	Panel optional	Installation dimension	Panel dimension	External dimension
HEBSR16SW	Slate white	380 x 335 x 76	Ø 352 x 32	380 x 350 x 108
HEBSR16SB	Slate black			
HEBSR16BG	Black glass			
HEBSR16WG	White glass			

Warranty

Heizka Cable is a high-quality fiber optic cable product, engineered with advanced technology and high reliability, suitable for various network and data transmission applications. Heizka Cable is offered with three different warranty options: 1 year, 15 years, and 25 years, catering to the diverse needs and requirements of various customers in different fields.

1-year warranty

For customers seeking standard warranty coverage, all Heizka Cable products come with a reliable 1-year warranty. This option provides peace of mind and ensures the consistent performance of our cables for a period of one year. For those who require extended protection and long-term reliability, Heizka Cable offers special warranty options of 15 years and 25 years.



15-year warranty

The 15-year warranty option provides an excellent choice for customers who need a durable and consistent data transmission solution. With a commitment to quality, this extended warranty guarantees uninterrupted performance over a decade and a half.



25-year warranty

For critical applications and demanding projects, the 25-year warranty option is the ultimate choice. This comprehensive warranty reflects our confidence in the exceptional durability and top-notch performance of Heizka Cable. Customers can rely on this long-term warranty to ensure continuous and reliable data transmission for a quarter of a century.

At Heizka, we take pride in our dedication to providing top-tier products and excellent customer service. Whether you choose the standard 1-year warranty or opt for the specialized 15-year or 25-year options, our team is always ready to assist and ensure you have the right solution tailored to your specific needs. Choose Heizka Cable for outstanding performance, reliability, and a warranty that aligns perfectly with your requirements.

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