

**Overview**  
 Bandwidth: 500MHz  
 OD: 7.3mm  
 Conductor: 28AWG  
 Approvals: RoHS  
 Connector: 50U" gold plated RJ45 connector

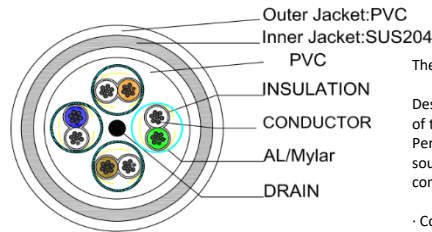
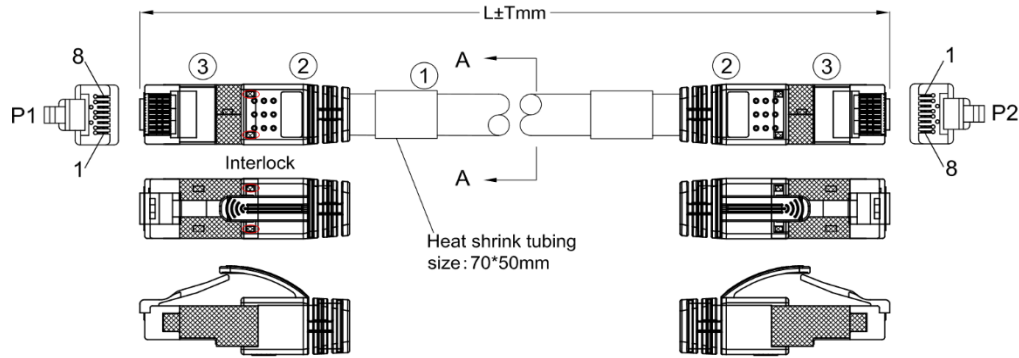
**Physical Characteristics**  
 • Cable Type – Cat6A U/FTP  
 • Connector Type(s) – RJ45  
 • Wiring Scheme – T568B  
 • Temperature Rating  
 • Installation: 0°C~50°C  
 • Operation: -20°C~60°C  
 • Voltage Rating – 30V

**Conductor (Qty. 4 twisted pair)**  
 • Conductor Type – 28AWG(7/0.12±0.008mm), Stranded BC  
 • Insulation – HDPE  
 • Diameter – 0.80±0.05mm  
 • Pair Identification:  
 • Pair1=Orange, Orange-White  
 • Pair2=Blue, Blue-White  
 • Pair3=Green, Green-White  
 • Pair4=Brown, Brown-White

**Connector Type (Qty. 2)**  
 • Connector Type – SHIELDED 8P8C (RJ45)  
 • Gender – Male  
 • Connector Material – Black Nylon  
 • Contact Material – Copper Alloy, Gold Plating 50U"  
 • Hood Material – Gray Assemble Boot

**Overall Cable**  
 • Inner Jacket - SUS 204  
 • Outer Jacket: High Elasticity PVC  
 • Minimum Average Thickness – 0.70mm  
 • Outer Diameter – 7.3 ± 0.20mm

**Electrical Characteristics**  
 • Conductor DC Resistance – 28.4Ω/100m (maximum)  
 • Impedance – 100Ω  
 • Capacitance – 5600pf/100m  
 • Propagation Delay – 545ns/100m (maximum)  
 • Delay Skew – 45ns/100m (maximum)  
 • Pass Fluke DSX 8000 Channel Test



P1	P2 T568B	SEC:A-A
1	1	WHITE/ORANGE
2	2	ORANGE
3	3	WHITE/GREEN
4	4	BLUE
5	5	WHITE/BLUE
6	6	GREEN
7	7	WHITE/BROWN
8	8	BROWN
S	S	SHIELDED

The FlexArmor cables are designed for professional use.

Despite the armored cable sheath, which protects the inside of the cable, the cable is extremely flexible. Perfect for camera technology, lighting engineering, sound engineering, stagecraft, trade fair technology, conference technology or other media technology.

- Connections: RJ45 plug to RJ45 plug
- Compatible with 10GBASE-T, 1000BASE-T and below
- Transmission frequency up to: 500 MHz
- Bandwidth up to: 10 Gbps
- Pin assignment: EIA/TIA 568B
- Spezifikation: Cat. 6A
- Backwards compatible versions: Cat. 6, Cat. 5E and below

- Shielding : ALU foil laminated PIMF (100% density)
- Shielding class: U/FTP (PIMF)
- Wire material: copper
- Wire type: stranded
- Wire number: 8 (4 x 2 twisted pair), with drain wire

- Plug: assembled, Interlock Plug
- Contact surface: pins gold plated 50μ
- Plug material: nylon, copper alloy
- Kink protection: yes
- Latch protection: yes

- Cable type: round cable
- Material cable sheath 1: PVC
- Material cable sheath 2: stainless steel
- Material cable sheath 3: high elasticity PVC, flexible
- Diameter cable (ca.): 7.3mm
- Min. bending radius (Static): 10 x cable OD
- Min. bending radius (Dynamic): 15 x cable OD



REVISED	DR	APP

3	RJ45 PLUG: 8P8C 50U" GOLD PLATED THREE-PIECE BLACK NYLON PLUG,SHIELDED NICKEL PLATING.
2	MOLDED:GRAY ASSEMBLE BOOT
1	CABLE: CAT6A U/FTP [28AWG(7/0.12±0.008BC)+AL/Mylar]*4P+D(7/0.12±0.008TC) PVC JACKET+SUS204 JACKET+HIGH ELASTICITY PVC JACKET OD:7.3±0.2MM

NO PART NAME PICTURES AND COLORS CAN DIFFER FROM THE PRODUCT!



DESCRIPTION		FlexLine-CAT. 6A PATCHCABLE FLEX , U/FTP, GREY			
SIZE	A4	DATE	CHECKED	TOL	FL31-59010
UNIT	MM	DRAWN	APPROVED		
CUSTOM TARIF NO.: 85444210000					

