

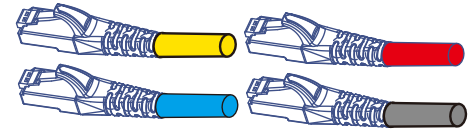


Cat.6A Shielded slight Patch Cord, U/FTP, 28AWG



Product advantage

- Comply with ANSI/TIA 568.2-D, TIA/EIA 568-B.2-10 Cat.6A and ISO/IEC 11801 2nd Class EA standard, transmission bandwidth up to 500MHz.
- Use Cat.6A shielded U/FTP 28AWG stranded copper wire; Two terminal crimping shielded standard RJ45 connector.
- The outer coating material is PVC or LSOH low smoke halogen-free type.
- It supports 10GBase-T applications and is downward compatible with any class E (cat.6) and class D (cat.5e) system wiring.
- Comply with ROHS 2011/65/eu environmental protection standards.

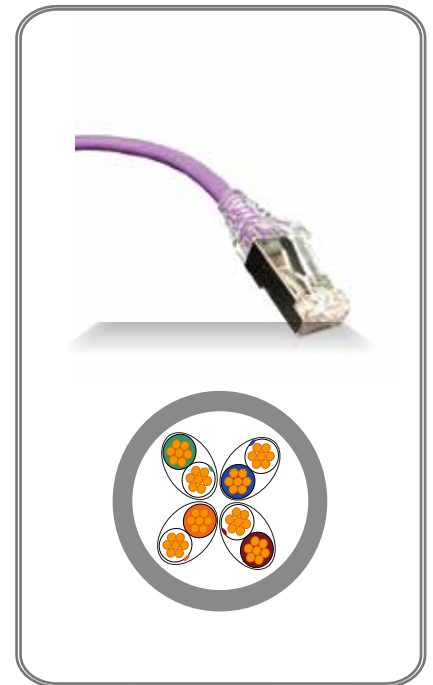


Product characteristics

RJ45 connector conforms to UL/CSA FCC part 68, sub part F
 Cable insulation material conforms to UL-94V-0
 Contact plating: 50 μ Gold Plated / 100 μ plate with nickel
 Interface plugging times: >1000 (IEC 603.7/classa)
 Plug and pull resistance: minimum 11lbf (50N)
 Maximum DC resistance: <22.3 Ω /100m (28Awg) at 20 °C
 Mutual capacitance: <5.6nf/100m
 Applicable temperature: -20 °C to +75 °C
 Insulation strength (conductor conductor): 1000VAC, 60hz/1min
 Insulation impedance: >500M ohms (500VDC)
 Contact impedance: <35M ohms
 Rated voltage / current: 150VAC/1.5Ampere
 Cable outer diameter: 5.3+/-0.2mm (28AWG)
 Cable sheath material: PVC or LSOH: low smoke and halogen-free conforming to IEC 60332-1-2

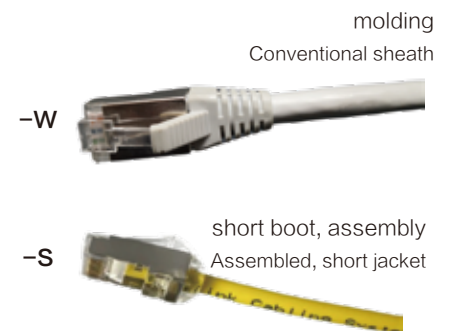
Can be used

10/100Base-TX
 1000Base-T
 2.5G/5GBase-T
 10GBase-T
 155/622Mbps ATM
 1.2/2.4Gbps ATM
 TP-PMD
 4/16Mbps Token Ring
 ISDN
 VoIP



Order information

Product model	Description	Packing
FL-6A8HH08-01-W	Cat.6A U/FTP Patch Cord 28AWG,PVC,1M,molding	1pc/pk
FL-6A8HL08-01-W	Cat.6A U/FTP Patch Cord 28AWG,LSOH,1M,molding	1pc/pk
FL-6A8HH08-02-W	Cat.6A U/FTP Patch Cord 28AWG,PVC,2M,molding	1pc/pk
FL-6A8HL08-02-W	Cat.6A U/FTP Patch Cord 28AWG,LSOH,2M,molding	1pc/pk
FL-6A8HH08-02-S	Cat.6A U/FTP Patch Cord 28AWG,PVC,2M,short boot,assembly	1pc/pk



Transmission Characteristics

Frequency (MHz)	ATT (dB/50m)	RL (dB Min)	NEXT (dB Min)	PS NEXT (dB Min)	ACRF (dB Min)	PS ACRF (Max (ns/100m))	PS ANEXT (dB Min)	PD (Max (ns/100m))
1	2	20	74.3	72.3	67.8	64.8	67	670
4	3.9	23	65.3	63.3	55.8	52.8	67	552
8	5.6	24.5	60.8	58.8	49.7	46.7	67	546.7
10	6.3	25	59.3	57.3	47.8	44.8	67	545.4
16	8.2	25	56.2	54.2	43.7	40.7	67	543
20	9.4	25	54.8	52.8	41.8	38.8	67	542
25	10.7	24.2	53.3	51.3	39.8	36.8	67	541.2
31	12.2	23.3	51.9	49.9	37.9	34.9	67	540.4
62.5	18.5	20.7	47.4	45.4	31.9	28.9	65.6	538.6
100	25	19	44.3	42.3	27.8	24.8	62.5	537.6
200	38.8	16.4	39.8	37.8	21.8	18.8	58	536.5
250	46.4	15.6	38.3	36.3	19.8	16.8	56.5	536.3
300	52.8	14.9	37.1	35.1	18.3	15.3	55.3	536.1
400	65	13.8	35.3	33.3	15.8	12.8	53.5	535.8
500	76.6	13	33.8	31.8	13.8	10.8	52	535.6

Meet the standards

TIA/EIA 568-B.2-10 Category 6A
 ANSI/TIA 568.2-D Category 6A
 ISO/IEC 11801 2nd Edition Class EA
 EN 50173 2nd Edition
 EN 55022 Class B