

Cable Cat. 6 FTP LSZH Cu flexible 500m.

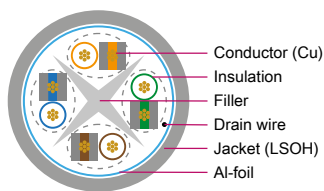
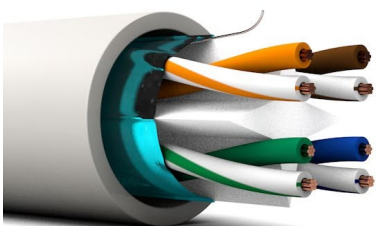
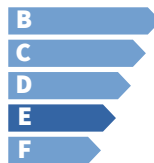
PRODUCT DESCRIPTION

- **Application:** PATCHING
- **Reference Standard:**
ISO/IEC 11801
ANSI/TIA-568-C.2
EN13501-6
- **Length PER Reel:** 500M
- **Construction:** 4 pairs (8cores)

• Available colors*

Red	●	/RO
Yellow	●	/AM
Blue	●	/AZ
Green	●	/VD
Black	●	/HG
White	●	/BL
Magenta	●	/VO

CPR Class



PREMISE CABLE ELECTRICAL TABLE (TIA CAT 6 CHANNEL)

Frequency (MHz)	Insert loss (dB)	Insert NEXT (dB)	RL (dB)	RCAN (dB)
1	3.0	65.0	19.0	62.0
4	4.0	63.0	19.0	59.0
8	5.7	58.2	19.0	52.5
10	6.3	56.6	19.0	50.2
16	8.0	53.2	18.0	45.2
20	9.0	51.6	17.5	42.6
25	10.1	50.0	17.0	39.9
31.25	11.4	48.4	16.5	37.0
62.5	16.5	43.4	14.0	26.9
100	21.3	39.9	12.0	18.6
200	31.5	34.8	9.0	3.3
250	35.9	33.1	8.0	-2.8
ACR-F (dB)	PSNEXT (dB)	PSACR N (dB)	PSACR F (dB)	
63.3	62.0	59.0	60.3	
51.2	60.5	56.5	48.2	
45.2	55.6	49.9	42.2	
43.3	54.0	47.7	40.3	
39.2	50.6	42.6	36.2	
37.2	49.0	39.9	34.2	
35.3	47.3	37.2	32.3	
33.4	45.7	34.3	30.4	
27.3	40.6	24.1	24.3	
23.3	37.1	15.8	20.3	
17.2	31.9	0.3	14.2	
15.3	30.2	-5.8	12.3	

CONFIGURATION & PHYSICAL CHARACTERS

Conductor	Material	Bare Copper
	Size	26 AWG 7/0.16 ± 0.015 mm
Insulation	Material	HD-PE
	Thickness	Min. at any point: 0.20mm / 0.19mm Max. AVG: 0.22mm / 0.21mm
	Diameter	0.91 ± 0.01mm
	Color code	Blue / White-Blue
		Orange / White-Orange
		Green / White-Green
		Brown / White-Brown
	Elongation	Min. 300%
	Tensile strength	Min. 1.682Kg/mm
Stranding	Mylar	0.025 × 19mm
	Al Foil	0.035 × 19mm
	CROSS SLOT	3.8 x 0.38mm
	Drain Wire	7/0.12 ± 0.02mm (Tinned copper)
Jacket	Material	LSOH
	Thickness	Min. at any point: 0.52mm Max. AVG: 0.58mm
	Diameter	6.0 ± 0.2mm
	Colors	PER request
	Aging at 100°C for 168Hrs	Min. Elongation Retention: 50% Min. Tensile Strength Retention: 75%

ELECTRIC CHARACTERS

Spark Test	2000 ± 250VOC
Mutual Capacitance	560pF/100m Max.
Conductor Resistance	Max. 14.0Ω/100m at 20°C
Capacitance Unbalance	Max. 330pF/100m
Resistance Unbalance	Max. 3%
Impedance	100 ± 15Ω
Temperature rating	-20°C ~ + 60°C
Dimensions are in mm	Tolerances are fractions decimals angles .X ± 0.20 / .XX ± 0.12
Mold NO.	

