

Cat.6A S/FTP Installation Cable

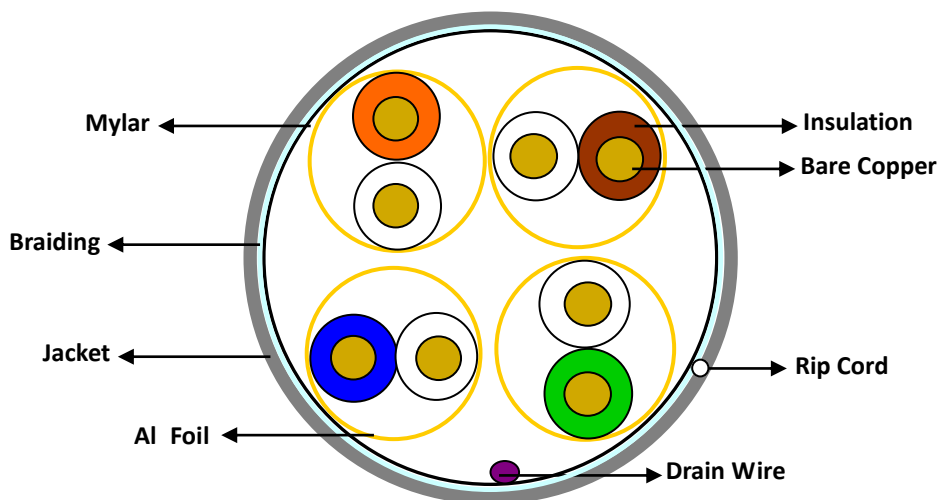


401491

401493

The equip[®] Installation Cable is made of preminent materials and thoroughly examined to meet or surpass industrial standards defined by the EIA / TIA, ISO and EN standard bodies. The performance is guaranteed via a comprehensive test including attenuation, return loss, NEXT (Next End Crosstalk) and FEXT (Far End Crosstalk) up to 500MHz and the hence the equip[®] Installation Cable serves well in the most demanding networking environments.

| Structure





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Specification

Conductor	Material	Bare Copper
	Construction	23AWG, 1/0.57 ± 0.015mm
Insulation	Material	FO-PE and HD-PE
	Thickness	MIN at any point: 0.30 mm / MAX AVG:0.37 mm
	Diameter	1.30 ± 0.02mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Stranding	Mylar	0.035*25mm
	Al Foil	0.065*25mm
	Drain Wire	1/0.40±0.02mm
	Braiding	Tinning Wire: 16 × 4 × 1/0.12mm
Jacket	Material	Low Smoke Zero Halogen (LSZH/LSOH)
	Thickness	MIN at any point: 0.40mm / MAX AVG: 0.60mm
	Diameter	7.4 ± 0.3mm
	Colors	Beige
	Marking	equip CAT.6A S/FTP INSTALL CABLE E213738-Y CM 4PR 23AWG ISO/IEC 11801 & EN50288 & TIA/EIA-568-B.2 VERIFIED xxxM

Electrical Properties

Spark Test	2000 ± 250 VOC
Conductor Resistance	MAX 9.38 Ω/100m at 20°C
Resistance Unbalance	MAX 5%
Capacitance Unbalance	MAX 330pF/100m
Mutual Capacitance	MAX 560pF/100m
Elongation	MIN 125%
Tensile strength	MIN 0.917Kg/mm ²
Aging at 100°C for 168hrs	MIN ELONGATION RETENTION: 75% MIN TENSILE STRENGTH RETENTION: 70%

| Performance

Frequency (MHz)	Impedance (Ω)	RL (dB)	Attenuation dB/100m	NEXT (dB)	PS-NEXT (dB)	ELFEXT dB/100m	PS-ELFEXT dB/100m
0.772	--	--	1.8	79.0	77.0	73.0	69.0
1	100 ± 15	20.0	2.0	77.0	75.0	71.0	68.0
4	100 ± 15	23.0	3.8	68.0	66.0	59.0	56.0
8	100 ± 15	24.5	5.3	64.0	62.0	53.0	50.0
10	100 ± 15	25.0	6.0	62.0	60.0	51.0	48.0
16	100 ± 15	25.0	7.6	59.0	57.0	47.0	44.0
20	100 ± 15	25.0	8.5	58.0	56.0	45.0	42.0
25	100 ± 15	24.32	9.5	56.0	54.0	43.0	40.0
31.25	100 ± 15	23.64	10.7	55.0	53.0	41.0	38.0
62.5	100 ± 15	21.54	15.4	50.0	48.0	35.0	32.0
100	100 ± 15	20.10	19.8	47.0	45.0	31.0	28.0
155	100 ± 15	19.42	25.2	44.0	42.0	27.0	24.0
200	100 ± 15	18.00	29.0	43.0	41.0	25.0	22.0
250	100 ± 15	17.32	32.8	41.0	39.0	23.0	20.0
300	100 ± 15	16.8	36.4	40.0	38.0	21.0	18.0
350	100 ± 15	16.3	39.8	39.0	37.0	20.0	17.0
400	100 ± 15	15.9	43.0	38.0	36.0	19.0	16.0
450	100 ± 15	15.5	46.0	38.0	36.0	18.0	15.0
500	100 ± 15	15.2	48.9	37.0	35.0	17.0	14.0
600	100 ± 15	14.0	51.2	35.0	33.0	15.0	12.0

| Ordering Information

PN	EAN	Length	Packing	Weight
401491	4015867165256	100m	PE Wrapped	5.25Kg
401493	4015867165263	305m	Wood Drum	16Kg

| Typical Applications

- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T ; 10GBASE-T
- IEEE 802.5 16 MB; ISDN; TPDDI; ATM