

## Cat.7 S/FTP Installation Cable

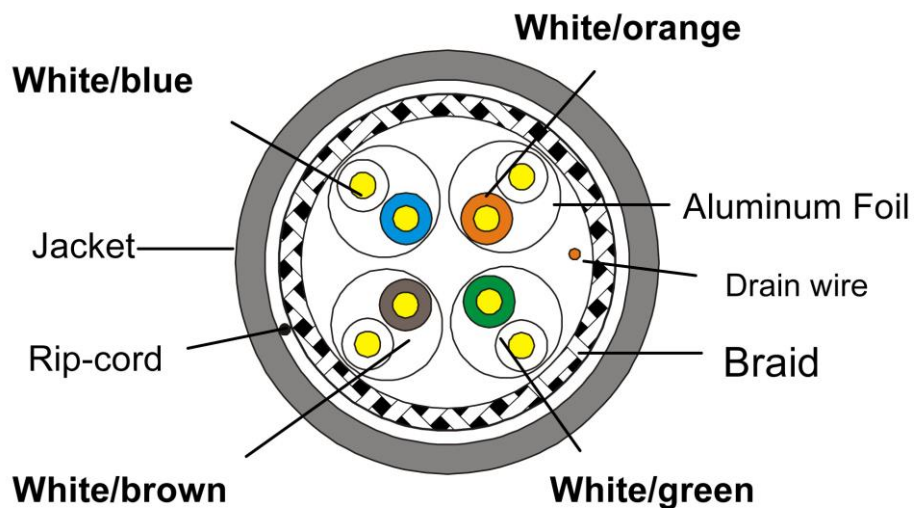


187301  
187303  
187305  
187306



The equip<sup>®</sup> Installation Cable is made of preeminent 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 1000MHz and the hence the equip<sup>®</sup> Installation Cable serves well in the most demanding networking environments.

### | Structure





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## Specification

<b>Conductor</b>	Material	Bare Copper
	Construction	23AWG, 1/0.56 ± 0.05mm
<b>Insulation</b>	Material	Skin-foam-skin PE
	Thickness	MIN at any point: 0.15 mm / MAX AVG:0.22 mm
	Diameter	1.330 ± 0.05mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
<b>Jacket</b>	Material	LSZH
	Thickness	0.55mm ± 0.05mm
	Diameter	7.5 ± 0.5mm
	Colors	Orange (RAL2003)
	Marking	187301: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187303: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187305: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187306: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca
<b>Reaction to Fire Classification</b>	B2ca,s1,d1, a1	

## Electrical Properties

<b>Electrical Characteristics</b>	Impedance(Ω) : (1-100MHz)	100±15Ω
	(100-250MHz)	100±18Ω
	(250-600MHz)	100±25Ω
	Delay Skew (ns/100m)	<25
	Velocity of Propagation (%)	74
	unbalanced-to-ground capacitance (pf/100m) max	330
	DC Resistance (Ω/100m) max	9.38
	DC Conductor Resistance Unbalanc (%) max	2

## | Performance

### Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	2.0	78.0	570.0	1	75.0	78.0	75.0
4.0	23.0	3.74	78.0	552.0	4	75.0	78.0	75.0
8.0	24.5	5.24	78.0	546.7	8	75.0	75.9	72.9
10.0	25.0	5.86	78.0	545.4	10	75.0	74.0	71.0
16.0	25.0	7.41	78.0	543.0	16	75.0	69.9	66.9
20.0	25.0	8.29	78.0	542.0	20	75.0	68.0	65.0
25.0	24.3	9.29	78.0	541.2	25	75.0	66.0	63.0
31.25	23.6	10.41	78.0	540.4	31.25	75.0	64.1	61.1
62.5	21.5	14.88	75.5	538.6	62.5	72.5	58.1	55.1
100	20.1	19.02	72.4	537.6	100	69.4	54.0	51.0
150	18.9	23.56	69.8	536.9	150	66.8	50.2	47.2
200	18.0	27.47	67.9	536.5	200	64.9	48.0	45.0
250	17.3	30.97	66.4	536.3	250	63.4	46.0	43.0
300	17.3	34.19	65.2	536.1	300	62.2	44.5	41.5
600	17.3	50.10	60.7	535.5	600	57.7	38.4	35.4

## | Ordering Information

PN	EAN	Length
187301	4015867138793	100m
187303	4015867191606	200m
187305	4015867138816	500m
187306	4015867191613	1000m