

Cat.7 S/FTP Duplex Installation Cable

187311

187312

The equip" Duplex 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" Installation Cable serves well in the most demanding networking environments.

!!Structure



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| Specification

Conductor	Material	Bare Copper
	Construction	23AWG, 1/0.56 ± 0.05mm
Insulation	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
Jacket	Material	LSZH
	Thickness	0.55mm ± 0.05mm
	Diameter	(7.7-16.4) ± 0.5mm
	Colors	Orange (RAL2003)
	Marking	187311: equip CAT.7 Duplex S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187312: equip CAT.7 Duplex S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca
Reaction to Fire Classification		B2ca,s1,d1, a1

| Electrical Properties

Electrical Characteristics	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 RL (MHz)		ATT		NEXT	PHASE DELAY	Frequency	PSNEXT	ELFEXT	PSELFEXT
≥dB	≤dB	≥dB	≤ns	≥dB	≤ns	(MHz)	≥dB	≥dB	≥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
187311	4015867202449	500m
187312	4015867202456	1000m