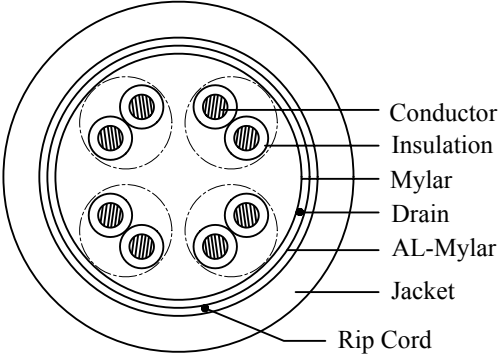


REV.	DESCRIPTION	DATE
A		01-2018

Construction & Material :

Item		Unit	Specification
Product			CAT-5e FTP 4P CMP Rated
Conductor	Size	AWG	24
	Number	pairs	4
	Material		Solid Annealed Bare Copper
Insulation	Avg.Thick	mm	0.225
	Diameter	mm	0.95±0.02
	Material		FEP
	Color		Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Twisting	Construction		See Cross Section
Cabling	Construction		See Cross Section
Taping	Material		Mylar
	Lay Length	%	Overlap 25
Drain Wire	Material		Stranded Tinned Copper
Shielding	Material		AL-Mylar
	Lay Length	%	Overlap 25
Rip Cord	Material		Yes
Jacket	Material		Flame Retardant PVC
	Avg.thickness	mm	0.508
	Overall Diameter	mm	5.90±0.20
	Color		By Order



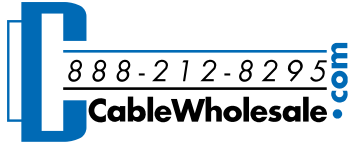
Cross Section

Color Options	
21	Gray
22	Black
31	Orange
41	Purple
51	Green
61	Blue
71	Red
72	Pink
81	Yellow
91	White

DRAWER	JL
CHECKED	
APPROVED	



ID(NO.)	PART NUMBER	TITLE
125	11X6-5xxTH	Plenum Shielded Cat5e Bulk Cable, Solid, CMP, 24 AWG, Pullbox, 1000 foot


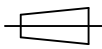



REV.	DESCRIPTION	DATE
A		01-2018

RoHS

Electrical Property :

Item	Unit	Specification	Standard			
D-C Resistance	Ohm/100M	AT 20°C	DC Max 9.38			
D-C Resistance Unbalance	%	-----	Max 5.0			
Mutual Capacitance	nF/100M	-----	5.6			
Maximum Delay Skew	nS/100M	-----	4.0			
Rating Temp Voltage	°C	Celsius	-10 /+75			
Characteristic Impedance (1-350MHz)	Ohm/100M		100±15			
Frequency	Attenuation	NEXT	Return Loss	ELFEXT	PS-ELFEXT	Delay
MHz	dB(100m)	dB	dB	dB(100m)	dB(100m)	dB(100m)
	Maximum	Minimum	Minimum	Minimum	Minimum	Maximum
1	2.0	68.3	20.0	63.8	60.8	570.0
4	4.1	59.3	23.0	51.7	48.7	552.0
8	5.8	54.8	24.5	45.7	42.7	546.7
10	6.5	53.3	25.0	43.8	40.8	545.4
16	8.2	50.3	25.0	39.7	36.7	543.0
20	9.3	48.8	25.0	37.8	34.8	542.0
25	10.4	47.3	24.3	35.8	32.8	541.2
31.25	11.7	45.9	23.6	33.9	30.9	540.4
62.5	17.0	41.4	21.5	27.8	24.8	538.6
100	22.0	38.3	20.1	24.0	21.0	537.6
155	28.1	35.5	18.8	20.0	17.0	
200	32.4	33.8	18.0	17.7	14.7	
240	36.0	32.6	17.4	16.2	13.2	
300	41.0	31.2	16.8	14.2	11.2	
350	44.9	30.1	16.3	12.9	9.9	

DRAWER	JL
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APPROVED	
	


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