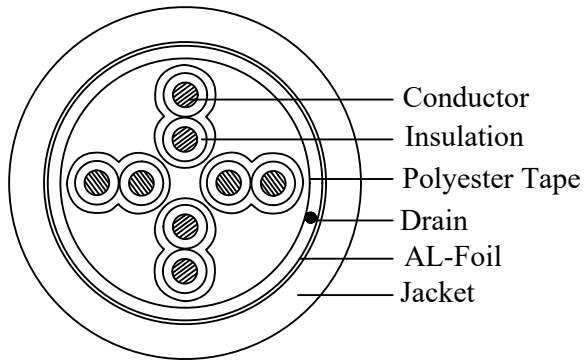


Construction & Material :

Item	Unit	Specification
Product		CAT.5e STP 4P CMX Rated
Conductor	Size	AWG 24
	Number	pairs 4
	Material	Solid Bare Copper
	Construction	pcs/mm 1/0.52
	Diameter	mm 0.52
Insulation	Material	HDPE
	Identification	With Strip Colour Marking On White Cores
	Min.thickness	mm 0.230
	Avg.thickness	mm 0.255
	Diameter	mm 1.035
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Taping	Material	Polyester Tape
	Lay Length	% Overlap 25
Drain Wire	Material	Stranded Tinned Copper
	Construction	pcs/mm 1/0.40
Shielding	Material	AL-Foil
	Lay Length	% Overlap 25
Jacket	Material	PE(CMX Rated)
	Min.thickness	mm 0.47
	Avg.thickness	mm 0.52
	Overall Diameter	mm 6.30±0.30
	Color	Black
	Cable Marking	CAT5E 4PR 24AWG FTP TYPE CMX UV DIRECT BURIAL OUTDOOR PE EIA/TIA-568-C ROHS xxxxFt

REV.	DESCRIPTION	DATE
A		11-2014
B		05-2016

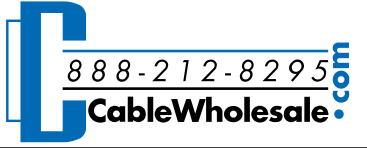
RoHS



Cross Section

DRAWER	JL
CHECKED	
APPROVED	

PART NUMBER	TITLE	ID(NO.)
10X6-722NH	Direct Burial/Outdoor rated Cat 5e Black Ethernet Cable, Solid, CMX, STP ,Foil+Waterproof Tape, 24 AWG, Spool, 1000 foot	245



REV.	DESCRIPTION	DATE
A		11-2014
B		05-2016

Electrical Property :

Item		Unit		Standard				
Conductor D-C Resistance @20°C		Ohm/100 Meters		≤ 9.5				
D-C Resistance Unbalance @20°C		%		≤ 2.5				
Max. Delay Skew		nF/100 Meters		≤ 5.6				
Mutual Capacitance		nS/100 Meters		≤ 45.0				
Capacitance Unbalance		pF/100 Meters		≤ 330				
Characteristic Impedance (1-100MHz)		Ω/100 Meters		100 ± 15 ohm				
Temperature Rating		Installation & Operating		-40°C to +70°C				
Frequency	Attenuation	Return Loss	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	Delay	ACR
MHz	dB(100m)	dB	dB	dB	dB(100m)	dB(100m)	ns(100m)	dB
	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Maximum	
1	2.04	20.00	65.30	62.3	64.00	61.00	570.00	63.26
4	4.05	23.01	56.27	53.3	51.96	48.96	552.00	52.22
10	6.47	25.00	50.30	47.3	44.00	41.00	545.38	43.83
16	8.25	25.00	47.24	44.3	39.92	36.92	543.00	38.99
20	9.27	25.00	45.78	42.8	37.98	34.98	542.05	36.52
25	10.42	24.32	44.33	41.3	36.04	33.04	541.20	33.91
31.25	11.72	23.64	42.88	39.9	34.10	31.10	540.44	31.16
62.5	16.69	21.54	38.36	35.4	28.08	25.08	538.55	21.37
100	21.98	20.11	35.30	32.3	24.00	21.00	537.60	13.33



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PART NUMBER	TITLE	ID(NO.)
10X6-722NH	Direct Burial/Outdoor rated Cat 5e Black Ethernet Cable, Solid, CMX, STP ,Foil+Waterproof Tape, 24 AWG, Spool, 1000 foot	245

