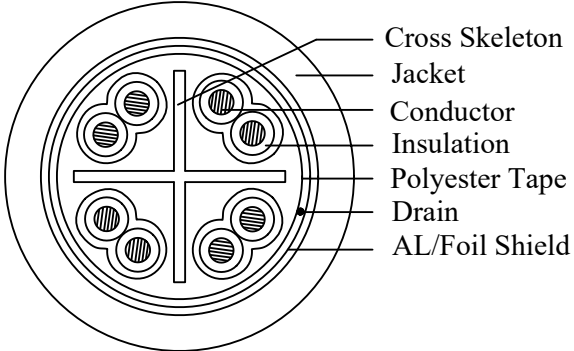


Construction & Material :

Item	Unit	Specification
Product		CAT-6 STP 4P CMX Rated
Conductor	Size	AWG 23
	Number	pairs 4
	Material	Solid Bare Copper
	Construction	pcs/mm 1/0.58
	Diameter	mm 0.58
Insulation	Material	HDPE
	Min.thickness	mm 0.24
	Avg.thickness	mm 0.27
	Diameter	mm 1.10
	Color	Blue-White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Cross skeleton	Material	LDPE
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	0.48
	Avg.thickness	mm 0.53
	Overall Diameter	mm 7.30±0.30
	Color	Black
	Cable Marking	CAT6 4PR 23AWG FTP TYPE CMX UV DIRECT BURIAL OUTDOOR PE EIA/TIA-568-C ROHS xxxFT

REV.	DESCRIPTION	DATE
A		09-2014
B		05-2016

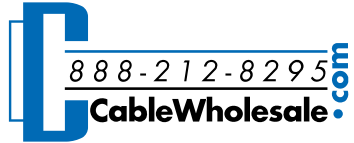
RoHS



Cross Section

DRAWER	JL
CHECKED	
APPROVED	

PART NUMBER:	TITLE:	ID(NO.)
10X8-722NH	Direct Burial/Outdoor Rated Shielded Cat6 Black Ethernet Cable, Solid, 23 AWG, Spool, 1000 foot	245



REV.	DESCRIPTION	DATE
A		09-2014
B		05-2016

Electrical Property :



Item			Unit			Standard		
Conductor D-C Resistance @20°C			Ohm/100Meters			DC Max 9.5		
Resistance Unbalance @20°C			%			Max 2.5		
Max. Delay Skew			nF/100 Meters			≤ 5.6		
Mutual Capacitance			nS/100 Meters			≤ 45.0		
Capacitance Unbalance			pF/100M			Max 330		
Characteristic Impedance (1-250MHz)			Ohm/100M			100±15		
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	Minimum
1	2.03	20.00	74.30	72.30	67.80	64.80	570.00	72.70
4	3.87	23.01	65.27	63.27	55.76	52.76	552.00	61.40
10	5.95	25.00	59.30	57.30	47.86	44.80	545.38	53.35
16	7.55	25.00	56.24	54.24	43.72	40.72	543.00	48.69
20	8.47	25.00	54.78	52.78	41.78	38.78	542.05	46.31
25	9.51	24.32	53.33	51.33	39.84	36.84	541.20	43.82
31.25	10.67	23.64	51.88	49.88	37.90	34.90	540.44	41.21
62.5	15.38	21.54	47.36	45.36	31.88	28.88	538.55	31.98
100	19.80	20.11	44.30	51.30	27.80	24.80	537.60	24.50
200	28.98	18.00	39.78	37.78	21.78	18.78	536.55	10.80
250	32.85	17.32	38.33	36.33	19.84	16.84	536.28	5.48

DRAWER	JL
CHECKED	
APPROVED	

PART NUMBER:	TITLE:	ID(NO.)
10X8-722NH	Direct Burial/Outdoor Rated Shielded Cat6 Black Ethernet Cable, Solid, 23 AWG, Spool, 1000 foot	245

