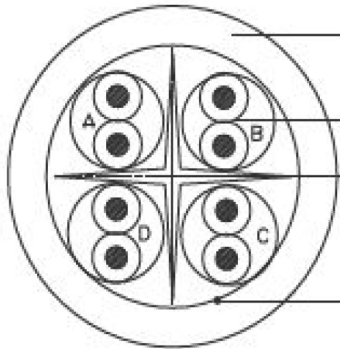




Cross Section		Performance				
		Electrical Characteristics:				
		Frequency (MHz)	Return loss (Min dB)	Attenuation Max (dB/100m)	NEXT (Min dB)	
		1	20.0	2.0	65.3	
		4	23.0	4.1	56.3	
		8	24.5	5.8	51.8	
		16	26.0	8.2	47.3	
		20	26.5	9.3	45.8	
		62.5	25.0	17.0	38.4	
		100	25.0	22.0	35.3	
		200	18.0	32.4	30.8	
		250	17.3	36.9	29.3	
		300	16.8	41.0	28.2	
		400	15.9	48.5	26.3	
		500	15.2	55.5	24.8	
		Marking				
Per request						
Description						
Rated Temperature (°C)		75				
Product Standard Certification						
Application						
Horizontal Wiring in LAN						
Reference Standard						
UL Subject 444,EIA/TIA568 & ISO/IEC 11801						
Construction						
Conductor	Solid Bare Copper	Frequency (MHz)	PSNEXT Min (dB)	ELFEXT Min (dB/100m)	PSELFEXT Min (dB/100m)	Delay Max (ns/100m)
AWG	23	1	62.3	63.8	60.8	570.0
Conductor Dia. (±0.05mmmm)	0.52	4	53.3	51.7	48.7	552.0
Insulation	PE	8	48.8	45.7	42.7	546.7
Average Thickness(mm)	0.200	16	44.3	39.7	36.7	543.0
Min. Point Thickness(mm)	0.180	20	42.8	37.7	34.7	542.0
Insulation Dia.(±0.01mm)	0.92	62.5	35.4	27.8	24.8	538.6
Twisted Pair Dia.(±0.02mm)	1.84	100	32.3	23.8	20.8	537.6
Filler	LSZH	200	27.8	17.7	14.7	536.5
Assembly Dia.(±0.2mm)	4.8	250	26.3	15.8	12.8	536.3
Jacket	CMR PVC	300	25.2	14.2	11.2	536.1
Average Thickness(mm)	0.60	400	23.3	11.7	8.7	535.8
Min. Point Thickness(mm)	0.55	500	21.8	9.8	6.8	535.6
Outer Dia.(±0.1mm)	6.00					
Rip Cord	Nylon					
Color						
Insulation colors are:						
Blue,White/Blue						
Orange,White/Orange						
Green,White/Green						
Brown,White/Brown						
Jacket colors:						
Per request						
		Mechanical Characteristics:				
		Test Object Jacket				
		Test Material PVC				
		Before	Tensile Strength (Mpa)		≥13.8	
		Aging	Elongation (%)		≥100	
		Aging Condition (°Cxhrs)				100x168
		After	Tensile Strength (Mpa)		≥85% of unaged	
		Aging	Elongation (%)		≥50% of unaged	
		Cold Bend(-20±2°Cx4hrs)				No crack