



Features:

- Copper 23AWG
- Two Twisted Wire
- Skin Foamed Skin PE Insulation
- Aluminium/Mylar Screen
- Nylon Rip Cord
- Packaging 305 Meters

CONSTRUCTION

Conductor:	
Nos.	08
Dia (mm)	0.55 (+/-0.005)
Material	Solid Bare Copper
Insulation:	
Nos.	08
Dia (mm)	0.98 ± 0.03mm
Material	Skin-Foam-Skin-PE
Braid:	
Thickness	0.10mm
Coverage	≥40%
Material	Tinned Copper
Shield:	
Thickness	0.55 ± 0.05mm
External O.D	6.0 ± 0.4mm
Surface	Clean, Frap, Satiation
Material	PVC (Complies RoHS)

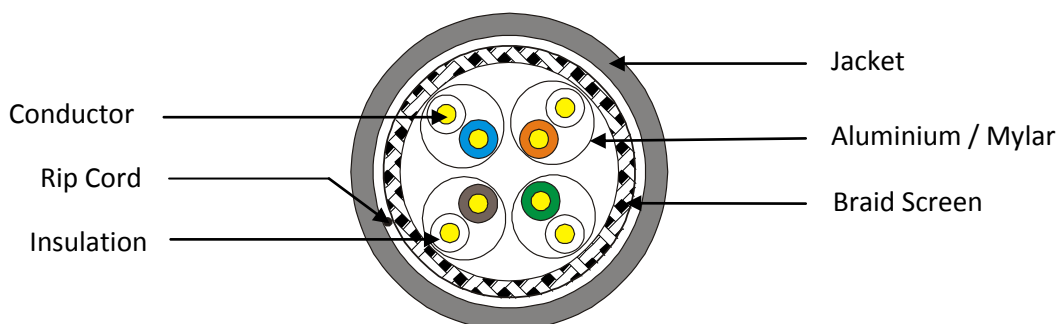
SHEATH PHYSICAL PROPERTIES

Before Aging:	
Tensile Strength (Mpa)	≥ 13.5
Elongation (%)	≥ 150
Aging Period (°C x hrs)	100°C x 24hrs x 7d
After Aging:	
Tensile Strength (Mpa)	≥ 12.5
Elongation (%)	≥ 125
Cold Bend (°C x hrs)	(-20 ± 2°C x 24hrs) No Visible Cracks

ELECTRICAL CHARACTERISTICS (20°C)

Character Impedence (Ω) 1.0-250.0MHZ	100 ± 15
Delay Skew 20°C (ns/100m) 1.0-250.0MHZ	≤ 45
DC Resistance 20°C (Ω /100m) Max	9.38
DC Conductor Resistance Unbalance(%) Max	5.0

Design:



INSULATION CHROMATOGRAM

Number	Insulation Chromatogram	Number	Insulation Chromatogram
1	Blue	2	Orange
	White-Blue		White-Orange
3	Green	4	Brown
	White-Green		White-Brown

MAIN TRANSMISSION CHARACTERISTICS

Frequency (MHz)	Return Loss (≥db/100m)	Attenuation (≤db/100m)	NEXT (≥db)	Time Delay (≤ns/100m)	PSNEXT (≥db)	ELFEXT (≥db)	PSELFEXT (≥db)
1	20.0	--	74.3	570.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	36.3	19.8	16.8