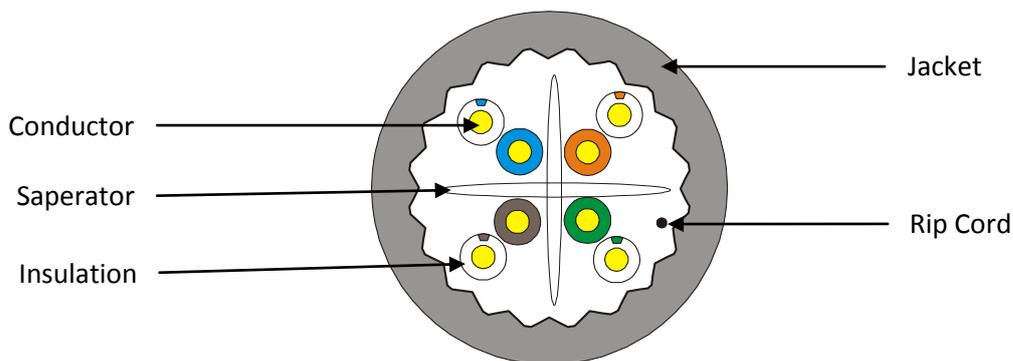




**Features:**

- Copper 23AWG (0.6mm)
- Two Twisted Wire
- HDPE Insulation
- Nylon Rip Cord
- Plastic Separator
- Packaging 305 Meters

**Design:**



CONSTRUCTION	
<b>Conductor:</b>	
Nos.	08
Dia (mm)	0.57 (+/-0.005)
Material	Solid Bare Copper
<b>Insulation:</b>	
Nos.	08
Dia (mm)	1.01 ± 0.02mm
Material	High Density Polyethylene (HDPE)
<b>Shield:</b>	
Thickness	0.65 ± 0.05mm
External O.D	6.9 ± 0.3mm
Surface	Clean, Frap, Satiation
Material	PVC
SHEATH PHYSICAL PROPERTIES	
<b>Before Aging:</b>	
Tensile Strength (Mpa)	≥ 13.5
Elongation (%)	≥ 150
Aging Period (°C x hrs)	100°C x 24hrs x 7d
<b>After Aging:</b>	
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) 1.0-500.0MHZ	100 ± 15
Delay Skew 20°C (ns/100m) 1.0-500.0MHZ	≤ 45
DC Resistance 20°C (Ω /100m) Max	9.3
DC Conductor Resistance Unbalance(%) Max	2.0

**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	1.9	74.0	570.0	72.3	68.0	65.0
4.0	23.0	3.7	65.0	552.0	63.3	56.0	53.0
8.0	24.5	5.3	60.7	546.7	48.8	49.9	46.9
10.0	25.0	5.9	59.0	545.4	57.3	48.0	45.0
16.0	25.0	7.5	56.0	543.0	54.2	43.9	40.9
20.0	25.0	8.4	55.0	542.1	52.8	42.0	39.0
25.0	24.3	9.5	53.3	541.2	41.3	40.0	37.0
31.25	23.6	10.6	52.0	540.4	49.9	38.1	35.1
62.5	21.5	15.4	47.0	538.6	45.4	32.1	29.1
100	20.1	19.8	44.0	537.6	42.3	28.0	25.0
200	18.0	29.0	40.0	536.5	37.8	22.0	19.0
250	17.3	32.8	38.3	536.3	36.3	20.0	17.0
300	16.8	36.4	37.1	536.1	34.1	18.5	15.5
500	15.2	48.9	33.8	535.6	30.8	14.0	11.0



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