

**SERIES 6**

Indoor and Outdoor Use

**CONSTRUCTION CHARACTERISTICS**

Conductor	Material:	Solid Copper
	Nominal OD:	1.02mm ± 0.01mm (18 ga)
Dielectric	Material:	Gas Injected Foam PE
	Nominal OD:	4.57 ± 0.10mm
Foil Shield	Material:	Aluminum Foil
	Adhesive:	EAA
	Foil Shield Coverage:	100% (18% Overlap Minimum)
Braid Shield	Material:	34 AWG Aluminum Magnesium Alloy
	Braid Coverage:	60%
	Braid Count:	64
Jacket(s)	Nominal OD:	6.86 ± 0.15mm
	Material:	UV Resistant PVC
	Color:	Black, White


**ELECTRICAL CHARACTERISTICS**

Impedance:	75 Ohms ± 3 Ohms
Capacitance:	16.2 PF/ft ± 1.0 PF/ft
Velocity of Propagation:	83%
Nominal Delay:	1.22 NS/ft
Conductor DC Resistance:	22.0 Ohms/Km
Shield DC Resistance:	34 Ohms/Km
Swept Tested:	5 MHz~3000 MHz
UL:	CATV/CM
Footage Markers:	Every 2 ft

**MECHANICAL CHARACTERISTICS**

Operating Temperature:	-40° C through +75° C
UV Protection:	Complies with UL 1581

**PACKAGING**

Packaging:	RIB=1,000 ft.
Shipping Weight:	13.5 kg G.W.

**Attenuation In dB / 100 ft  
at 68°F (20° C)**

MHz	Nominal	Maximum
5	0.51	0.57
55	1.45	1.60
211	2.78	2.87
600	4.88	4.98
750	5.51	5.62
1000	6.30	6.54
1450	7.84	8.00
1750	8.61	8.74
2050	9.40	9.46
2250	9.78	10.00
3000	11.30	11.90