

SERIES 6

Indoor and Outdoor Use

CONSTRUCTION CHARACTERISTICS

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