

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

**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

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.