

QUAD SHIELD SERIES 6

Indoor and Outdoor Use

CONSTRUCTION CHARACTERISTICS

Conductor	Material:	Solid Copper
	Nominal OD:	1.02 ± 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:	Aluminum Magnesium Alloy
	Braid Wire Count:	64 (inner) & 48 (outer)
	Braid Coverage:	60% & 40%
Jacket(s)	Nominal OD	7.60 ± 0.15mm
	Material	UV Resistant PVC
	Color	Black



ELECTRICAL CHARACTERISTICS

Impedance:	75 Ohms ± 3 Ohms
Velocity of Propagation:	83%
Capacitance:	16.2 PF/ft.
Nominal Delay:	1.22 NS/ft.
Conductor DC Resistance:	22 Ohms/Km
Shield DC Resistance:	19 Ohms/Km
Swept Tested:	5 MHz~3000 MHz
UL:	CATV/CM

Attenuation @ 68°F (20°C)

Frequency (MHz)	dB/100ft.	(dB/100m)
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
U.V. Protected:	Complies with UL 1581

PACKAGING

Packaging:	Reel in Box
Shipping Weight:	16.0 kg G.W.
Footage Markers:	Every 2 ft.