

## 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
Footage Markers:	Every 2 ft.

### 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.

### 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