

SERIES 6 QUAD SHIELD

Indoor and Outdoor Use

CONSTRUCTION CHARACTERISTICS

Conductor	Material:	Copper-Clad Steel
	Nominal OD:	.0403" 1.02mm (18 ga)
Dielectric	Material:	Gas Injected Foam PE
	Nominal OD:	.180" 4.57mm
Foil Shield	Material:	Aluminum/Laminant/Aluminum
	Shield Core OD:	.188" 4.78mm
	Adhesive:	EAA
	Foil Shield Coverage:	100% (18% Overlap Minimum)
Braid Shield	Material:	34 AWG Aluminum Alloy
	Braid Coverage:	60% & 40%
Jacket	Material:	UV Resistant PVC
	Nominal OD:	.295" 7.49mm Black,
	Colors:	White



ELECTRICAL CHARACTERISTICS

Impedance:	75 Ohms \pm 3 Ohms
Velocity of Propagation:	83%
Capacitance:	16.2 PF/ft.
Nominal Delay:	1.22 NS/ft.
Conductor DC Resistance:	29.9 Ohms/1000 ft.
Shield DC Resistance:	4.8 Ohms/1000 ft.
Swept Tested:	5 Mhz ~ 3000 MHz
UL:	CM

MECHANICAL CHARACTERISTICS

Operating Temperature	-30°C through +75 C
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PACKAGING

Packaging:	RIB, R1K
Shipping Weight:	RIB=37.5 lbs.; R1K=38.0 lbs.
Footage Markers:	Every 2 ft.

Attenuation @ 68°F(20°C)		
Frequency (MHz)	Nominal Db/100ft.	Maximum (dB/100m)
5	0.54	0.58
55	1.51	1.60
211	2.85	3.05
750	5.40	5.65
870	5.98	6.11
1000	6.38	6.55
1450	7.84	8.00
1750	8.69	8.96
2050	9.60	9.79
2250	9.88	10.00
3000	11.30	11.90