

RG59 HEAD END QUAD SHIELD

Indoor Use

CONSTRUCTION CHARACTERISTICS

Conductor	Material:	Silver Plated Copper-Clad Steel
	Nominal OD:	0.32" 0.81mm (20 ga)
Dielectric	Material:	Gas Injected Foam PE
	Nominal OD:	.144" 3.66mm
Foil Shield	Material:	Aluminum/Laminant/Aluminum
	Shield Core OD:	.151" 3.84mm
	Adhesive:	EAA
	Foil Shield Coverage:	100% (18% Overlap Minimum)
Braid Shield	Material:	34 AWG Aluminum Alloy
	Braid Coverage	95% & 95%
Jacket(s)	Nominal OD	.270" 6.86mm
	Material	Premium PVC
	Color	See Color Code



MAXPIPE

ELECTRICAL CHARACTERISTICS

Impedance:	75 Ohms ± 3 Ohms
Velocity of Propagation:	83%
Capacitance:	16.2 PF/ft
Nominal Delay:	1.22 NS/ft
Center Conductor DC Resistance:	25.5 Ohms/1000 ft.
Shield DC Resistance:	3.2 Ohms/1000 ft.
Swept Tested:	5 MHz~3000MHz
UL:	CM
RF Shielding:	≥ 120dB

Attenuation @ 68°F (20°C)

Frequency (MHz)	dB/100ft.	(dB/100m)
5	0.86	2.82
50	2.03	6.64
55	2.05	6.73
83	2.45	8.04
211	3.80	12.47
300	4.45	14.60
450	5.40	17.72
500	5.94	19.50
600	6.20	20.34
750	6.97	22.87
1000	8.12	26.64

Color Code (xx)

Black	00
Brown	01
Red	02
Orange	03
Yellow	04
Green	05
Blue	06
Violet	07
Grey	08
White	09
Teal	11
Pink	12

MECHANICAL CHARACTERISTICS

Operating Temperature: -30° C through +75° C

PACKAGING

Packaging:	500 ft. Reel or 1,000 ft. Reel
Shipping Weight:	20 lbs. (500 ft.); 37 lbs (1,000 ft.)
Footage Markers:	Every 2 ft.