

SERIES 11 COAXIAL DROP CABLE

Solid Cu, Foamed PE, Tape, 60% Braid, PVC, CM Rated

CONSTRUCTION CHARACTERISTICS

Conductor	Material:	Solid Copper
	OD:	0.064" ± 1% (1.63mm ± 1%)
Dielectric	Material:	Gas Injected Foam PE
	Nominal OD:	0.280 inches (7.11 mm)
Foil Shield	Material:	Aluminum Laminated Shielding Tape with adhesive
	Shield Core OD:	0.288 ± 0.006 inches (7.32 ± 0.15 mm)
	Foil Shield Coverage:	100% (18% overlap minimum)
Braid Shield	Material:	#34 AWG Aluminum Alloy
	Nominal Braid Coverage:	60%
Jacket(s)	OD:	0.400 ± 0.008 inches (10.16 ± 0.20 mm)
	Material:	Flame Retardant PVC
	Color:	Black



MAXPIPE

ELECTRICAL CHARACTERISTICS

Impedance:	75 Ohms ± 3 Ohms
Velocity of Propagation:	≥82%
Nominal Capacitance:	16.2 pF/ft. (53.2 pF/m)
Conductor DC Resistance:	2.53Ω/kft (8.30Ω/km) Max @20°C
Loop DC Resistance:	9.33Ω/kft (30.61Ω/km) Max @20°C
Swept Tested:	5 MHz~3000 MHz
UL:	CM Rated

MECHANICAL CHARACTERISTICS

Operating Temperature:	-30°C through +60°C
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PACKAGING

Packaging:	1,000 ft (305m) Wooden Reel (R1K)
Shipping Weight:	R1K=51 lbs.
Footage Markers:	Every 39 inches (1 meter) minimum

Maximum Attenuation @ 68°F (20°C)

Frequency (MHz)	dB/100ft.	(dB/100m)
5	0.38	1.25
55	0.96	3.16
211	1.90	6.25
250	2.05	6.74
270	2.13	7.01
300	2.25	7.40
330	2.35	7.73
350	2.42	7.96
400	2.60	8.55
450	2.75	9.05
500	2.90	9.54
550	3.04	10.00
600	3.18	10.46
750	3.65	12.01
870	4.06	13.36
1000	4.35	14.31
1450	5.34	17.57
1750	6.00	19.74
2000	6.42	21.12
2050	6.50	21.38
2150	6.67	21.94
3000	7.90	25.99