

Low Loss Coaxial Cable

Foamed Polyethylene Dielectric

100% Bonded Aluminum Foil

Tinned Copper Brand—CuSn

*Available in bulk spools or custom-configured lengths
with your choice of RF connectors*



Cable Type	PT-195	PT-240	PT-400
Attenuation	0.037" Solid BC	19 x .011" BCSW	0.108" Solid CCA
Insulation (∅ in)	0.110" FPE	0.1545" FPE	0.285" FPE
1st Shielding	Bonded Alum Foil	Bonded Alum Foil	Bonded Alum Foil
Outer Braid	Tinned Copper Foil	Tinned Copper Foil	Tinned Copper Foil
Outer Jacket (∅ in)	0.195" PE	0.242" PE	0.405" PE
Bending Radius (Installation) (in)	1/2"	1/2"	1"
Bending Radius (Repeated) (in)	2"	2"	4"
Frequency	Attenuation: db/100 ft (Avg Power: Watts)		
27 MHz	1.87 (870)	1.52 (1310)	0.642 (3510)
30 MHz	1.98 (820)	1.60 (1240)	0.67 (3330)
50 MHz	2.56 (680)	2.07 (960)	0.88 (2570)
150 MHz	4.45 (390)	3.62 (550)	1.52 (1470)
220 MHz	5.39 (320)	4.40 (450)	1.86 (1200)
450 MHz	7.77 (220)	6.34 (310)	2.71 (830)
900 MHz	11.13 (160)	9.07 (220)	3.9 (580)
1500 MHz	14.54 (120)	11.85 (170)	5.12 (440)
1800 MHz	16.00 (110)	13.04 (150)	5.67 (400)
2000 MHz	16.89 (100)	13.78 (140)	5.97 (370)
2500 MHz	19.02 (90)	15.52 (130)	6.76 (330)
5800 MHz	29.90 (60)	24.42 (80)	10.8 (210)

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Impedance (Ω)	50	50	50
DC Resistance (Center) (Ω /1000 ft)	7.6	6.4	1.39
DC Resistance (Outer) (Ω /1000 ft)	4.9	4.1	1.65
Dielectric Constant	1.6	1.5	1.38
Velocity Factor	80%	84%	85%
Capacitance (pF/ft)	25.4	24.38	23.9
Life Expectancy (Years)	20+	20+	20+
Operating Temperature (F)	-40 to 185	-40 to 185	-40 to 185
Direct Burial?	YES	YES	YES