



Low Loss Type Coaxial Cable

50 Ohms Impedance

Foamed Polyethylene Dielectric
 100% Bonded Aluminum Foil
 Tinned Copper Braid - CuSn

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



Cable Type		PT-195	PT-240	PT-400
Center Conductor	Ø inches	0.037" Solid BC	19 x 0.011" BCSW	0.108" Solid CCA
Insulation	Ø inches	0.110" FPE	0.154" FPE	0.285" FPE
1 st Shielding		Bonded Alum Foil	Bonded Alum Foil	Bonded Alum Foil
Outer Braid		Tinned Copper Braid	Tinned Copper Braid	Tinned Copper Braid
Outer Jacket	Ø inches	0.195" PE	0.242" PE	.405" PE
Bending Radius (Installation)	inches	1/2"	1/2"	1"
Bending Radius (Repeated)	inches	2"	2"	4"
Attenuation (Avg Power)				
Attenuation : dB/100ft	27 Mhz	1.87 (870)	1.52 (1310)	0.642 (3510)
Avg Power: Watts	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)
Impedance	Ω	50	50	50
DC Resistance (Center)	Ω/1000ft	7.6	6.4	1.39
DC Resistance (Outer)	Ω/1000ft	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 Range	F	-40 / +185	-40 / +185	-40 / +185
Direct Burial?		YES	YES	YES

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