

Generic-400 Coaxial Cable Specifications

Center Conductor:	Copper/Aluminum Nominal Diameter	0.108"
Dielectric:	Foamed PE Diameter Over Dielectric	0.285"
Shield:	Diameter Over Tape Fail Braid Coverage Braid Shield Diameter	0.291" Nominal Aluminum / Poly Tape 90% 34 AWG Tin/Copper 0.320" Nominal
Jacket	Black PVC / PE	0.405" ± 0.008"
Mechanical Properties:	Minimum Bend Radius Operating Temperature Tensile Strength Cable weight	1" min or 25.4mm -40° to 85° (PE) -20° to 60° (PVC) 72.6kg. or 160 lbs 0.068 lbs/ft Nom
Electrical Properties:	Jacket Spark Dielectric Strength Conductor to Shield Capacitance Impedence Velocity of propagation DCR Conductor Shield Cutoff Frequency Peak Power	8000 VRMS 3 sec @ 2500 VDC 23.9pF/ft Nominal 50.0 ± 2.00 ohm 85% nominal 1.39 Ohm/1000ft 1.65 Ohm/1000ft 16.2 GHz 16.0 kWatt

ATTENUATION:

Frequency MHz	Attenuation DB/100ft	Power Handling kW
30	0.7	3.3
50	0.9	2.6
150	1.5	1.5
220	1.9	1.2
450	2.7	0.83
900	3.9	0.58
1500	5.1	0.44
1900	5.7	0.40
2000	6.0	0.37
2500	6.8	0.33
5800	10.8	0.21