

WBC-400P

50 Ohm Plenum-Rated Coaxial Cable

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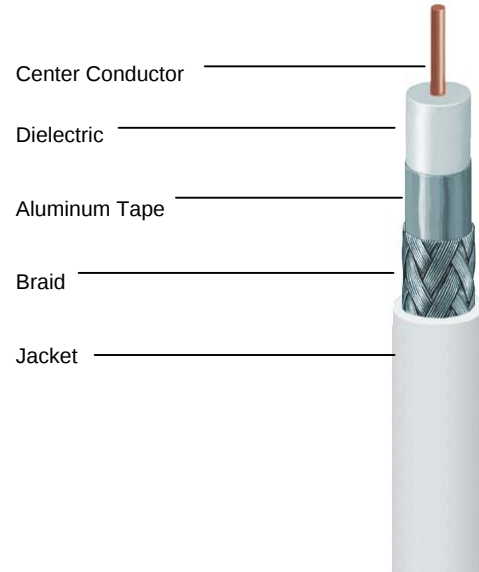
CABLE CONSTRUCTION:

CENTER CONDUCTOR:
Copper Clad Aluminum
Nom. Dia.: 0.109"

DIELECTRIC:
Foamed FEP
Dia. over Dielectric: 0.285" Nom.

SHIELD:
Foil: Aluminum/Poly Tape
90% Coverage
Braid: 34 AWG Wire
Nom. Dia. 0.320"

JACKET:
Natural Kynar
Dia. over Jacket: 0.355" +/- 0.007"
Nominal Jacket Thickness: 0.016"
Minimum Spot: 0.012"



ELECTRICAL PROPERTIES:

SPARKER TEST: 4000 VAC

DIELECTRIC STRENGTH: Conductor to Shield: 3 Sec. @ 2500 VDC

CAPACITANCE: 23.5 pF./FT. Nom.

IMPEDANCE: 50.0 +/- 2.0 Ohms

VELOCITY OF PROPAGATION: 84.0% Nom.

DCR: Conductor: 1.30 Ohms/1000 FT.

Shield: 2.10 Ohms/1000 FT.

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:
Loaded: 20 times cable OD
Unloaded: 10 times cable OD

JACKET TEMP. RATING:
Temp: 125°C

ATTENUATION:

dB/100 FT. (NOM.)	dB/100 M. (NOM.)	@ FREQUENCY MHz
0.93 dB	2.98 dB	50 MHz
1.63 dB	5.35 dB	150 MHz
1.95 dB	6.40 dB	200 MHz
2.03 dB	6.66 dB	220 MHz
2.47 dB	8.10 dB	300 MHz
2.93 dB	9.61 dB	400 MHz
3.21 dB	10.53 dB	450 MHz
3.43 dB	11.25 dB	500 MHz
5.17 dB	16.96 dB	900 MHz
7.31 dB	23.98 dB	1500 MHz
8.02 dB	26.31 dB	1800 MHz
8.55 dB	28.04 dB	1900 MHz
9.07 dB	29.75 dB	2000 MHz
10.57 dB	34.67 dB	2500 MHz