

# WBC-400P

## 50 Ohm Coaxial Cable

### Catalog # 0625

#### Plenum: CMP(ETL)C(ETL)

#### CABLE CONSTRUCTION:

##### CENTER CONDUCTOR:

Copper/Alum.  
Nom. Dia.: 0.109"

##### DIELECTRIC:

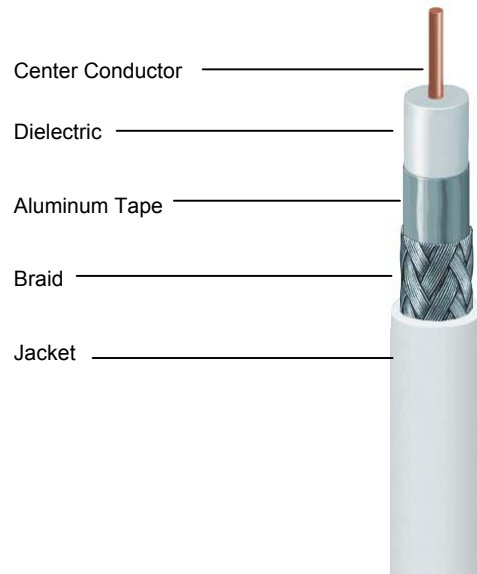
Foamed FEP  
Dia. over Dielectric: 0.285" Nom.

##### SHIELD:

Foil: Aluminum/Poly Tape  
90% Coverage  
Braid: 34 AWG Wire  
Nom. Dia. 0.318"

##### JACKET:

Kynar  
Dia. over Jacket: 0.358" +/- 0.008"  
Nominal Jacket Thickness: 0.020"  
Minimum Spot: 0.016"



#### ELECTRICAL PROPERTIES:

##### SPARKER TEST:

4000 VAC

##### DIELECTRIC STRENGTH:

Conductor to Shield: 3 Sec. @ 2500 VDC

##### CAPACITANCE:

23.5 pF./FT. Nom.

##### IMPEDANCE:

50.0 +/- 3.0 Ohms

##### VELOCITY OF PROPAGATION:

87.0% Nom.

##### DCR: Conductor:

1.32 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 FT. (MAX.)	@ FREQUENCY MHz
0.94 dB	0.493dB	50 MHz
1.74 dB	1.68 dB	150 MHz
2.25 dB	2.09 dB	220 MHz
3.38 dB	3.21 dB	450 MHz
4.27 dB	4.04 dB	650 MHz
5.28 dB	4.98 dB	900 MHz