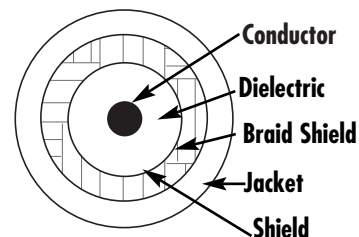


**Minimax Miniature Type Plenum Coax**

Rev. 2. 8/99

**Description:**

- ASTM bare copper conductor 25 AWG solid
- Foam Teflon insulation .078" (1.98mm)
- Bare copper braid shield 95%
- Overall 75°C flexible plenum jacket Nom. O.D. .146" (3.71mm)  
Colors: Black, Red, Green, Blue, White, and Yellow
- Standard Spool Size 1000 feet

**Applications:**

Indoor (non-conduit per NEC) within ducts, plenums, and other spaces used for environmental air for:

- Pro Video
- Analog Video
- CCTV

**Rating as per NEC:**

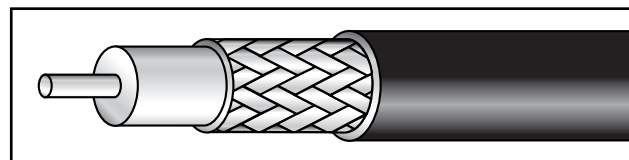
- UL Listed NEC type CMP
- UL Listed NEC type CL2P
- Constructed I.A.W. UL Standard 444 and 13
- Complies with the UL 910 Test (modified ASTM Steiner Tunnel Test)
- Temperature range: -10° C to 75° C dry locations

**Suggested 75Ω BNC Connectors:**

- West Penn #CN-BM73-18
- Kings #2025-47-9

**Installation Characteristics:**

- Minimum Bend Radius: 1.65"
- Maximum Pulling Tension: 30 lbs.

**Electrical Characteristics:**

- Nominal capacitance conductor to shield: 16.2 pf/ft 53.1 pf/m
- Vel. of Prop.: 80%
- Nom. Impedance: 75Ω
- Nom. D.C.R. @ 20°C: 30Ω/1000 ft.
- 100% Sweep Tested
- Structural Return Loss: 1-50 MHz 27db MIN  
51-216 MHz 20db MIN

<b>Coaxial Cable Loss Factors</b>		
Nominal Attenuation		
MHz	db/100 ft	db/100 m
1	.5	1.64
5	1.3	4.26
10	1.8	5.90
50	3.6	11.81
100	5.3	17.38

**CAUTION:** Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.