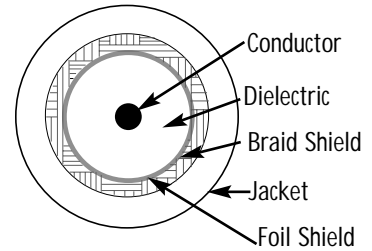


RG-59/U Type Pro Video Plenum Coax

Rev. 3. 7/01

Description:

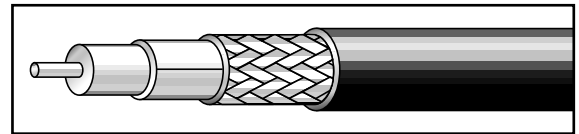
- ASTM bare copper conductor 20 AWG .032" (.81mm)
- Foam Teflon insulation .138" (3.51 mm)
- Dual shield, BiFoil* 100% coverage plus tinned copper braid 95% coverage
- Overall 75°C flexible plenum jacket Nom. O.D. .207" (5.26 mm)
Color: Ivory
- Standard spool size 1000 feet



Applications:

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

- RGB/SYNC
- HDTV
- DTV
- Precision Video
- SDI Digital Video



Rating as per NEC:

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

Electrical Characteristics:

- Nominal capacitance conductor to shield: 16.2 pf/ft 52.8 pf/m
- Vel. of Prop.: 84%
- Nom. Impedance: 75Ω
- Nom. D.C.R. @ 20°C: 10.0 Ω/1000 ft.
- 100% Sweep Tested
- Structural Return Loss: 1-50 MHz 27db MIN
51-216 MHz 23db MIN

Suggested 75Ω BNC Connectors:

- West Penn #CN-BM73-30
- Kings #2025-53-9
- Kings #2065-2-9
- Amphenol #31-71035

Installation Characteristics:

- Minimum Bend Radius: 2.0"
- Maximum Pulling Tension: 50 lbs.

*BiFoil is an aluminum polyester aluminum tape.

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

Coaxial Cable Loss Factors		
Nominal Attenuation		
MHz	db/100 ft	db/100 m
1	.28	.92
3.6	.44	1.44
71.5	1.93	6.33
185	3.0	9.8
270	3.79	12.4
360	4.3	14.1
720	6.23	20.43
1000	7.49	24.57
2000	10.59	34.7