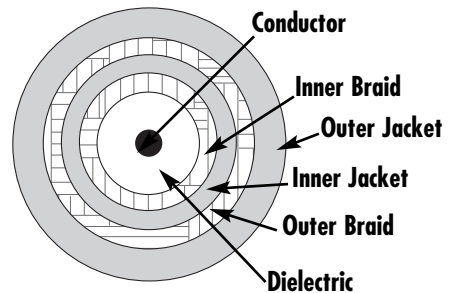


RG-11/U Type Plenum Triaxial Cable

Rev. 1. 8/99

Description:

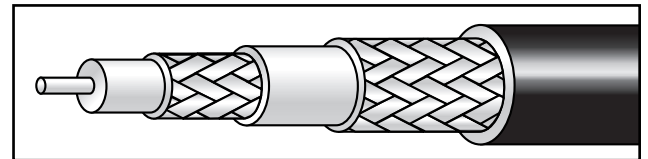
- ASTM bare copper conductor 14 AWG solid .064" (1.63mm)
- Foam teflon insulation Nom. O.D. .272" (6.91mm)
- Two bare copper braided shields with 95% coverage each
- Fluoropolymer separator between shields
- Overall copolymer jacket Nom. O.D. .420" (10.67mm)
- Color: Black Tint
- Standard spool size 1000 feet



Applications:

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

- Pro Video
- Teleprompter and Monitoring Feeds
- Robotic Functions



Rating as per NEC:

- UL Listed NEC type CL2P
- Constructed I.A.W. UL Standard 13
- Complies with the UL 910 Test (modified ASTM Steiner Tunnel Test)
- Temperature range: -10° C to 125° C dry locations

Electrical Characteristics:

- Nominal capacitance conductor to shield: 16.2 pf/ft 53.1 pf/m
- Vel. of Prop.: 82%
- Nom. Impedance: 75Ω
- Nom. D.C.R. @ 20°C: 2.6 Ω/1000 ft.
- 100% Sweep Tested
- Structural Return Loss: 5-300 MHz 23db MIN

Suggested Triaxial Connectors:

- LEMO # PXA.4A.675.99041

Installation Characteristics:

- Minimum Bend Radius: 4.50"
- Maximum Pulling Tension: 156 lbs.

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	.15	.49
5	.26	.85
10	.45	1.50
50	.90	3.00
100	1.40	4.60
400	3.80	12.50
1000	7.00	23.00