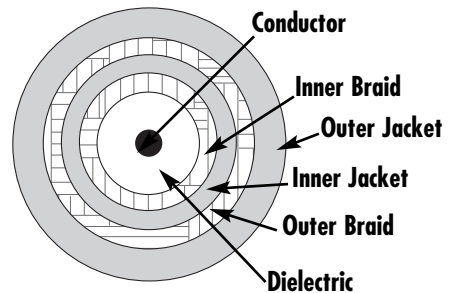


RG-59/U Type Plenum Triaxial Cable

Rev. 1. 8/99

Description:

- ASTM bare copper conductor 20 AWG solid .032" (.81mm)
- Foam Teflon insulation Nom. O.D. .138" (3.51mm)
- Two bare copper braided shields with 95% coverage each
- Fluoropolymer separator between shields
- Overall copolymer jacket Nom. O.D. .245" (6.25mm)
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 CMP
- Constructed I.A.W. UL Standard 444
- Complies with the UL 910 Test (modified ASTM Steiner Tunnel Test)
- Temperature range: -10° C to 125° C dry locations

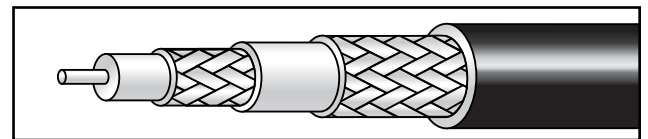
Suggested Triaxial Connectors:

- Kings Female # 7703-6
- Kings Male # 7705-4

Installation Characteristics:

- Minimum Bend Radius: 2.50"
- Maximum Pulling Tension: 84 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.



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: 10.1 Ω/1000 ft.
- 100% Sweep Tested
- Structural Return Loss: 5-300 MHz 23db MIN

Coaxial Cable Loss Factors Nominal Attenuation		
MHz	db/100 ft	db/100 m
1	.35	1.2
5	.55	1.8
10	.85	2.8
50	1.9	6.2
100	2.7	8.9
400	5.5	18.0
750	7.9	25.9
1000	9.6	31.5