

## RG-11/U Type Triaxial Cable

Rev. 1. 8/99

### Description:

- ASTM bare copper conductor 14 AWG solid .064" (1.63mm)
- Gas injected foam polyethylene insulation Nom. O.D. .280" (7.11mm)
- Two bare copper braided shields with 95% coverage each
- PVC separator between shields .020" (.51mm)
- Overall polyethylene jacket Nom. O.D. .475" (12.07mm)
- Color: Black
- Standard spool size 1000 feet

### Applications:

- Pro Video
- Teleprompter and Monitoring Feeds
- Robotic Functions

### Rating:

- Sunlight and moisture resistant
- Temperature range: -20°C to 75° C

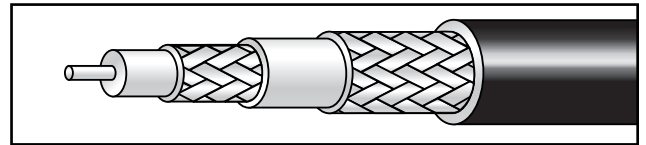
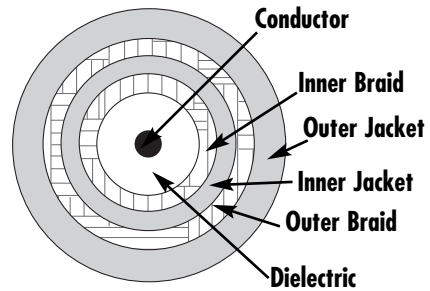
### Suggested Triaxial Connectors:

- Kings Female # 7703-1
- Kings Male # 7705-1

### Installation Characteristics:

- Minimum Bend Radius: 5.00"
- Maximum Pulling Tension: 156 lbs.

**CAUTION:** 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: 2.6 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	.2	.7
10	.35	1.2
50	1.0	3.3
100	1.5	4.9
200	2.2	7.2
500	4.1	13.5
700	4.7	15.4
1000	5.4	17.7