



## RG-6/U Type CATV/MATV Coax

### Description:

- Solid Copper Covered Steel Conductor
- Gas Injected Polyethylene Insulation
- Dual Shield, BiFoil\* with Aluminum Braid
- PVC Jacket
- Standard Spool Size 1000ft

### Rating as per NEC:

- UL Listed NEC Type CATV
- Constructed I.A.W. (UL) Standard 13
- Listed as being resistant to the spread of fire as defined in Article 820 of the NEC (UL 1581 Vertical Tray Flame Test)

### Applications:

Indoor for:

- CATV
- MATV

**Jacket Color:** Black, White



### Construction

AWG Size	18
Stranding	Solid Copper Covered Steel
Insulation	Gas Injected Polyethylene
Insulation Nom. O.D.	.180 (4.57mm)
1st Shield Type % Coverage	BiFoil* 100%
2nd Shield Type % Coverage	Aluminum Braid 60%
Jacket Type	PVC
Nom. O.D.	.254 (6.45mm)

### Coaxial Cable Loss Factors

#### Nominal Attenuation

Mhz	db/100 ft	db/100 m
5	.57	1.87
55	1.45	4.76
100	1.85	6.07
400	3.85	12.63
750	5.40	17.71
1000	6.30	20.66
2000	9.15	30.01
3000	11.93	39.13

### Suggested Connectors

Connector Type	Connector Part Number	Crimp Tool	Stripping Tool
"F"	CN-F56ALM	TL-111	TL-120
COMP. "F"	CN-FSNS-6	TL-SNSA	TL-SNSST

### Electrical Characteristics

(Calculated Quantities)

Nominal Capacitance Conductor to Shield	16.2 pf per foot
	53.1 pf per meter
Vel. of Prop.	82%
Nom. Imp.	75Ω

\*BiFoil is an aluminum polyester aluminum tape.

This document is the property of WEST PENN WIRE. The information contained herein is considered proprietary and not to be reproduced by any means without written consent of WEST PENN WIRE.

# WEST PENN WIRE

724-222-7060  
FAX: 724-222-6420

P. O. Box 762, 2833 West Chestnut St.  
Washington, PA 15301

TOLL FREE: 800-245-4964  
PA CALL: 800-222-8883