

OutdoorRG-6/U Type CATV/MATV Coax

Description:

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

Rating as per NEC:

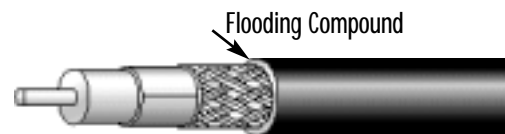
- Outdoor

Applications:

Outdoor Flooded Burial:

- 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 61%
Jacket Type	PE
Nom. O.D.	.275(6.99mm)

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

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
F Compression	CN-FSNS-6	TL-SNSA	TL-SNSST
2 Piece BNC			
3 Piece BNC			

*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