



RG-59/U Type CATV/MATV Outdoor

Description:

- Copper covered Steel conductor
- Gas Injected Foam Polyethylene insulation
- Dual shield, bonded BiFoil plus Aluminum braid
- Flooding Compound
- Overall Sunlight Resistant Polyethylene Jacket
- Standard Spool Size 1000ft

Rating as per NEC:

- Outdoor CATV/MATV

Applications:

Outdoor:

- CATV • MATV

Jacket Colors: Black



Construction

AWG Size	20 Solid
Stranding	Copper Covered Steel
Insulation	Gas Injected Polyethylene
Insulation Nom. O.D.	.142 (3.61mm)
1st Shield Type and % Coverage	BiFoil* 100%
2nd Shield Type and % Coverage	Tinned Copper Braid 97% Flooding Compound
Jacket Type	Sunlight resistant PE Jacket - Black
Nom. O.D.	.242 (6.15mm)

Electrical Characteristics

(Calculated Quantities)

Nominal Capacitance Conductor to Shield	16.2 pf per foot
	53.1 pf per meter
Vel. of Prop.	83%
Nom. Imp.	75Ω
Nom. D.C.R. (Resistance) @ 20° C	56.0Ω per 1000 feet

Coaxial Cable Loss Factors		
Nominal Attenuation		
Mhz	db/100 ft	db/100 m
5	.85	2.79
55	1.95	6.40
100	2.45	8.04
211	3.68	12.07
270	4.10	13.45
300	4.35	14.27
330	4.62	15.15
400	4.95	16.24
450	5.30	17.38
550	5.75	18.86
750	6.80	22.30
870	7.40	24.27
1000	7.95	26.08
1200	9.20	30.18
2000	11.85	38.87
2200	12.6	41.3
3000	15.05	49.36

Connector Type	Connector Part No.	Crimp Tool	Stripping Tool
"F"	CN-F56ALM	TL-111	TL-120

*BiFoil is an aluminum polyester aluminum tape.

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