



RG-59/U Type CATV/MATV

Description:

- Bare Copper conductor
- Gas Injected Foam Polyethylene insulation
- Dual shield, bonded BiFoil plus Aluminum braid
- Overall 75° PVC Jacket
- Standard Spool Size 1000ft

Rating as per NEC:

- UL listed NEC type CL2 or CATV as defined in Article 725 and 820
- Constructed in accordance with UL Standard 13
- Complies with UL 1581 Vertical Tray Flame Test
- Temperature range: -20° C to 60° C dry locations

Applications:

Indoor for:

- CATV • MATV

Jacket Colors: Black



Construction	
AWG Size	20
Stranding	Solid Bare
Insulation	Foam Polyethylene
Insulation Nom. O.D.	.142 (3.61mm)
1st Shield Type and % Coverage	BiFoil* 100%
2nd Shield Type and % Coverage	Aluminum Braid 65%
Jacket Type	PVC
Nom. O.D.	.232 (5.89mm)

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
1450	10.20	33.46
2000	11.85	38.87
3000	15.05	49.36

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	10.1 Ω per 1000 feet

Connector Type	Connector Part No.	Crimp Tool	Stripping Tool
"F"	CN-F56ALM	TL-111	TL-120
F Compression	CN-FSNS-2	TL-SNSA	TL-SNSST

*BiFoil is an aluminum polyester aluminum tape.

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