



**RG-7/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

Construction	
AWG Size	16
Stranding	Solid Copper Covered Steel
Insulation	Gas Injected Polyethylene
Insulation Nom. O.D.	.236 (5.99mm)
1st Shield Type % Coverage	BiFoil* 100%
2nd Shield Type % Coverage	Aluminum Braid 61%
Jacket Type	PVC
Nom. O.D.	.340 (8.64mm)

Coaxial Cable Loss Factors		
Nominal Attenuation		
Mhz	db/100 ft	db/100 m
5	.47	1.54
55	1.27	4.17
100	1.57	5.15
400	2.98	9.77
750	4.30	14.10
1000	5.05	16.56
2000	7.42	24.34
3000	9.56	31.36

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

Suggested Connectors			
Connector Type	Connector Part Number	Crimp Tool	Stripping Tool
"F"	CN-F7ALM	TL-113	TL-124

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