

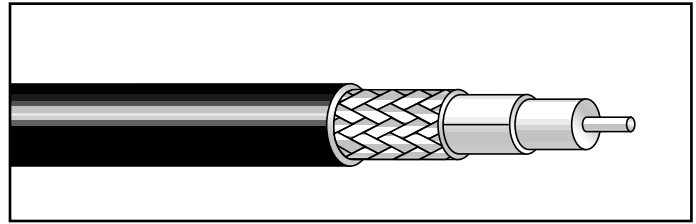


RG7/U TYPE SDI COAXIAL CABLE

Rev.1- 1-05

Overall Assembly:

- RG7/U Type 16AWG (Solid Bare Copper)
- Gas Injected PE Dielectric- .236" (5.99mm)
- Overall Shielded 100% Bifoil
- 95% Tinned Copper Braid
- Overall PVC Jacket- .340" (8.64mm)
- Standard spool size 1000ft.



Applications:

Indoor for:

- Professional Video
- SDI Digital video
- CATV
- CCTV

Rating:

- UL listed NEC type CMR as defined in Article 800
- Meets 300V requirements as specified in Section 800 and 725 NEC

Installation Characteristics:

- Minimum Bend Radius: 3.40 inch

Overall Jacket Colors:

- Black, White, Red, Green, Blue, Yellow

Electrical Characteristics:

- Nom. Capacitance conductor to shield: 16.2pf/ft (53.1pf/m)
- Velocity of Propagation: 83%
- Nom. Impedance: 75Ω
- Nom. D.C.R. @ 20°C: 4.1Ω/1000ft.
- 100% Sweep Tested
- Structural Return Loss:

1-50Mhz	27db Min.
51-216Mhz	23db Min.
217-3000	21db Min.

Connector Type	Connector P.N.	Crimp Tool	Stripping Tool
"F"	CN-F7ALM	TL-113	TL-124
3 Pc. BNC	CN-BM53-7	TL-150	TL-124
75Ω 3Pc. BNC	CN-BM73-7	TL-150	TL-124

Coaxial Cable Loss Factors		
Nominal Attenuation		
MHz	db/100ft	db/100m
1	0.21	0.69
10	0.58	1.9
71.5	1.32	4.33
135	1.75	5.74
270	2.44	8.0
360	2.81	9.22
540	3.44	11.28
720	4	13.12
1000	4.81	15.78
1500	5.99	19.65
2250	7.26	23.81
3000	8.53	27.98



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