



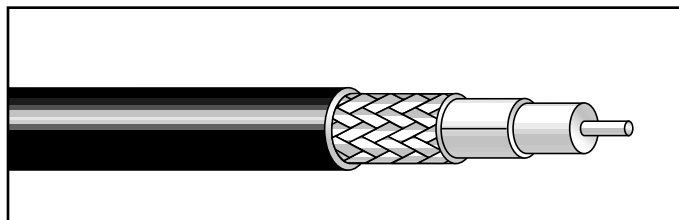
257210

RG7/U TYPE SDI PLENUM COAXIAL CABLE

Rev.1- 1-05

Overall Assembly:

- RG7/U TYPE 16AWG (Solid Bare Copper)
- Foam FEP Dielectric- .230" (5.99mm)
- Overall Shielded 100% Bifoil
- 95% Tinned Copper Braid
- Overall Flexible Plenum Jacket- .298" (7.57mm)
- Standard spool size 1000ft.



Applications:

Indoor for:

- Professional Video
- SDI Digital video
- CATV
- CCTV

Rating:

- UL listed NEC type CMP
- Complies with UL 910 Test (Modified ASTM Steiner Tunnel Test)

Installation Characteristics:

- Minimum Bend Radius: 2.98 inch

Overall Jacket Colors:

- Natural

Electrical Characteristics:

- Nom. Capacitance conductor to shield: 16.2pf/ft (53.1pf/m)
- Velocity of Propagation: 82%
- 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
3 PC. BNC	CN-BM73-7P	TL-105P	TL-124

Coaxial Cable Loss Factors		
Nominal Attenuation		
MHz	db/100ft	db/100m
1	0.21	0.69
10	0.59	1.92
71.5	1.33	4.37
135	1.77	5.79
270	2.46	8.08
360	2.84	9.3
540	3.47	11.38
720	4.04	13.24
1000	4.85	15.92
1500	6.1	20.02
2250	7.4	24.27
3000	8.78	28.79



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