



MiniMax - RGB/SYNC CABLE

Rev.1- 1-05

Overall Assembly:

- 3 Minimax coaxial subunits
- Overall Shielded
- Overall PVC Jacket
- Standard spool size 1000ft.

Individual Coax Units:

- ASTM Bare copper conductor 25 Awg.
- Gas Injected PE Dielectric .085 inch (2.16 mm)
- 100% Aluminum Foil + 95% Tinned Copper Braid
- Individual Coax- .146 inch (3.71mm)
- PVC Jacket .390 inch (9.90mm)

Applications:

Indoor for:

- RGB/Sync
- Video Walls
- SDI Digital video

Rating:

- UL listed NEC type CM as defined in Article 800
- Constructed in accordance with UL Standard 444
- Meets 300V requirements as specified in Section 800 and 725 NEC
- Complies with UL 1581 Vertical Flame Test

Suggested BNC Connector:

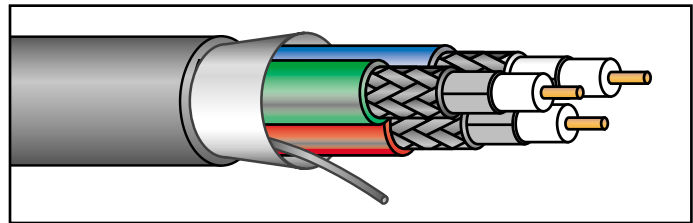
- 75Ω BNC- CN-BM74-18
- COMPRESSION BNC- CN-CSBNC-25
- COMPRESSION RCA- CN-CSRCA-25
- 75Ω Female BNC- CN-BF74-18

Installation Characteristics:

- Minimum Bend Radius: 3.90 inch

Overall Jacket Colors:

- Black



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: 30 Ω/1000ft.
- 100% Sweep Tested
- Structural Return Loss:

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

Coaxial Cable Loss Factors		
Nominal Attenuation		
MHz	db/100ft	db/100m
1	.48	1.57
10	1.73	5.67
71.5	3.51	11.51
135	4.69	15.38
270	6.51	21.35
360	7.72	25.32
720	10.88	35.69
1000	13.34	43.76
2250	18.92	62.05
3000	22.16	72.68



2833 West Chestnut Street
Washington, PA 15301

Phone 800-245-4964 • Fax 724-222-6420
www.westpenn-cdt.com

Coaxial Subunit Color Code	
Coax 1	Red
Coax 2	Green
Coax 3	Blue
Coax 4	White
Coax 5	Yellow