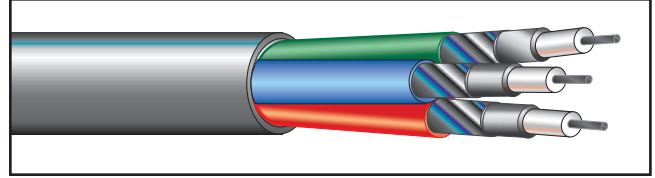


## Flexible Pro Video RGB/SYNC Plenum Cable

Rev. 2. 3/07

### Overall Assembly:

- 3 miniature coaxial subunits
- Overall Flexible Plenum jacket, Nom. O.D. -.290 inch (7.37mm)
- Standard spool size 1000ft.



### Individual Coax Units:

- ASTM Tinned copper conductor 26 AWG (7x34)
- Foam Teflon dielectric .073 inch (1.85mm)
- First Shield Aluminum Polyester Tape, 100% Coverage
- Second Shield 38Awg. Tinned copper spiral, 95% Coverage
- PVDF Plenum Jacket Nom. O.D. -.102 inch (2.59mm)

### Applications:

Indoor within ducts, plenums, and other spaces used for environmental air for:

- RGB/Sync
- Video Walls
- SDI Digital video

### Rating:

- ETL listed NEC type CMP
- Complies with the NFPA 262 Test (modified ASTM Steiner Tunnel Test)
- ROHS Compliant 4/06

### Suggested BNC Connector:

- CN-BM74-19
- CN-CSBNC-26- BNC COMPRESSION
- CN-CSRCA-26- RCA COMPRESSION

### Installation Characteristics:

- Minimum Bend Radius: 2.90 inch

### Overall Jacket Colors:

- Black

### Electrical Characteristics:

- Nom. Capacitance conductor to shield: 16.1pf/ft (52.8pf/m)
- Velocity of Propagation: 83%
- Nom. Impedance: 75Ω
- Nom. D.C.R. @ 20°C: 41Ω/1000ft.
- 100% Sweep Tested
- Structural Return Loss: 1-50Mhz 27db Min.  
51-216Mhz 20db Min.

Coaxial Cable Loss Factors		
Nominal Attenuation		
MHz	db/100ft	db/100m
1	.5	1.7
5	1.2	3.9
10	1.7	5.5
50	3.8	12.3
71.5	4.7	14.8
135	6.3	20.6
270	9.1	29.9
400	11.5	37.3
750	16.4	53.8
1000	19.5	64.0
3000	43.7	143.0

Coaxial Subunit Color Code	
Coax 1	Red
Coax 2	Green
Coax 3	Blue



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