

75Ω Multichannel Video Coaxial Cable

Applications

- Component analog video
- Video walls
- Video projectors
- Studio tie lines
- CG workstations

Features

1. 75 Ohm impedance
2. ≥20dB return loss to 2GHz
3. Stranded bare copper center conductor
4. Copper braid shield, polyethylene dielectric

Benefits

1. Professional standard
2. Superior performance
3. Excellent flexibility
4. Low signal loss

V*-1.5C

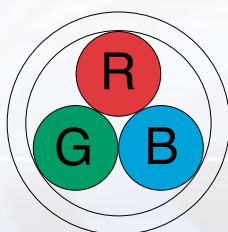
- 31 AWG
- Micro coax type
- 0.102 inch outside diameter each channel

V*-3C

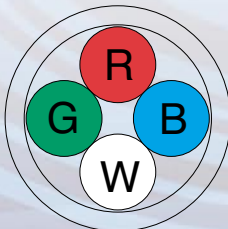
- 25 AWG
- RG59 type
- 0.173 inch outside diameter each channel

V*-5C

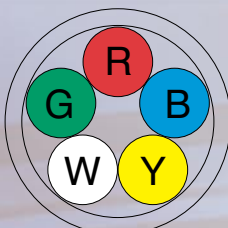
- 22 AWG
- 8281F type
- 0.237 inch outside diameter each channel



V3-*C
Cross Section



V4-*C
Cross Section



V5-*C
Cross Section



| Model | Std. Lng. | Number of Channels colors | Wgt. Stand. Lng./ (lbs/ (kgs) | Nom. O.D. inch (mm) | PVC Jacket Thick. inch (mm) | Brittle Point °F (-°C) | Indv. Chan. O.D. inch (mm) | Insul. Type * | Insul. O.D. inch (mm) | Cond. -AWG (Qty./mil.) Cross Sec. Area | Cond. O.D. inch (mm) | Shield Coverage | ELECTRICAL PERFORMANCE | | | | | | |
|---------|------------|-----------------------------------|-------------------------------|---------------------|-----------------------------|------------------------|----------------------------|---------------|-----------------------|--|----------------------|-----------------|--------------------------------|---------------------------------|------------------------|-----------|--------------------------------------|------------------------------|-------------------|
| | | | | | | | | | | | | | Cond. D.C.R. Ω/1000ft (Ω/100m) | Shield D.C.R. Ω/1000ft (Ω/100m) | Nom. Cap. pF/ft (pF/m) | Nom. Imp. | Nom. Attn. 10MHz dB/1000ft (dB/100m) | Chan. Diff. Delay 100ft (nS) | Velocity of Prop. |
| V3-1.5C | 328ft 100m | 3 RED, GRN BLUE | 16/7 | .291 7.4 | .032 0.8 | -22 -30 | .102 2.6 | PE | .061 1.55 | AC-#31 7/3.5 | .011 .27 | >94% | <129.2 <42.4 | <10.1 <3.3 | 21 67 | 75Ω | 29.3 9.6 | <2.2 | 66% |
| V4-1.5C | | 4 RED, GRN BLUE, WHT | 21/10 | .331 8.4 | .039 1.0 | | | | | | | | | | | | | | |
| V5-1.5C | | 5 RED, GRN BLUE, WHT YEL | 24/11 | .362 9.2 | .039 1.0 | | | | | | | | | | | | | | |
| V3-3C | 328ft 100m | 3 RED, GRN BLUE | 33/15 66/30 | .453 11.5 | .036 0.9 | -22 -30 | .173 4.4 | PE | .122 3.1 | AC-#25 7/7.09 | .021 0.54 | >97% | <32.1 <10.5 | <3.7 <1.1 | 21 67 | 75Ω | 15.0 4.9 | <2.2 | 66% |
| V4-3C | | 4 RED, GRN BLUE, WHT | 44/20 88/40 | .512 13.0 | .043 1.1 | | | | | | | | | | | | | | |
| V5-3C | | 5 RED, GRN BLUE, WHT YEL | 53/24 106/48 | .559 14.2 | .043 1.1 | | | | | | | | | | | | | | |
| V3-5C | 328ft 100m | 3 RED, GRN BLUE | 51/23 102/46 | .611 15.5 | .047 1.2 | -22 -30 | .237 6.0 | PE | .189 4.8 | AC-#22 7/10.24 | .031 0.78 | >94% | <15.5 <5.1 | <3.7 <1.2 | 21 67 | 75Ω | 10.0 3.4 | <2.2 | 66% |
| V4-5C | | 4 RED, GRN BLUE, WHT | 66/30 132/60 | .674 17.1 | .047 1.2 | | | | | | | | | | | | | | |
| V5-5C | | 5 RED, GRN BLUE, WHT YEL | 84/38 168/76 | .756 19.2 | .055 1.4 | | | | | | | | | | | | | | |

* Dielectric Strength = 500V AC / 1min. Insulation resistance/3Mft => >1000MΩ.

| | | Nominal Attenuation Value | | | | | | | | | |
|--------|-----------|---------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | 10 MHz | 67.5 MHz | 100 MHz | 143 MHz | 220 MHz | 360 MHz | 440 MHz | 750 MHz | 900 MHz | 1.0 GHz |
| V-1.5C | dB/100 ft | 2.9 | 7.6 | 9.3 | 11.1 | 13.7 | 17.6 | 19.5 | 25.4 | 27.8 | 29.3 |
| | dB/100 m | 9.6 | 24.9 | 30.4 | 36.3 | 45.0 | 57.6 | 63.7 | 83.1 | 91.1 | 96.0 |
| V-3C | dB/100 ft | 1.5 | 3.8 | 4.6 | 5.6 | 6.9 | 8.8 | 9.7 | 12.7 | 13.9 | 14.7 |
| | dB/100 m | 4.8 | 12.5 | 15.2 | 18.2 | 22.5 | 28.8 | 31.8 | 41.6 | 45.5 | 48.0 |
| V-5C | dB/100 ft | 1.0 | 2.7 | 3.3 | 3.9 | 4.9 | 6.2 | 6.9 | 9.0 | 9.9 | 10.4 |
| | dB/100 m | 3.4 | 8.8 | 10.8 | 12.9 | 15.9 | 20.4 | 22.6 | 29.4 | 32.3 | 34.0 |