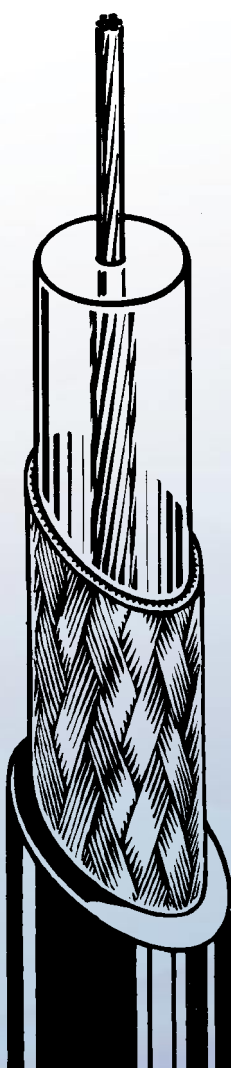


# 75Ω Video Coaxial Cable

## LV-61S



### Applications

- Broadcast transmission
- Digital and analog
- ENG/EFP
- Inter-rack wiring

### Features

1. 75 Ohm impedance
2. ≥20dB return loss to 2GHz
3. Highly flexible
4. Copper braid shield, solid polyethylene dielectric

### Benefits

1. Professional standard
2. Superior performance
3. Long-lasting reliability
4. Excellent signal protection

### L-3C2VS

25 AWG  
 0.217 inch outside diameter  
 Ideal for short run inter-rack wiring  
 Available in BLK, BLU, GRN, RED

### LV-61S

Top selling coax cable  
 24 AWG  
 RG59 type  
 0.240 inch outside diameter  
 Available in  
 BLK, BLU, BRN, GRY, GRN,  
 ORN, PPL, RED, WHT, YLW

### LV-77S

22 AWG  
 8281F type  
 0.303 inch outside diameter  
 Double shielded for longer runs  
 Available in BLK, BLU, BRN, GRY, GRN,  
 ORN, PPL, RED, WHT, YLW

| Mechanical Specifications |               |                        |                    |                         |                     |                        |                      |                      |                                    | Electrical Performance       |                               |                           |                   |                        |
|---------------------------|---------------|------------------------|--------------------|-------------------------|---------------------|------------------------|----------------------|----------------------|------------------------------------|------------------------------|-------------------------------|---------------------------|-------------------|------------------------|
| Model                     | Std. Lng.     | Wt/Std. Lng. lbs (kgs) | Nom O.D. Inch (mm) | PVC Jkt Thick Inch (mm) | Brittle Point °F °C | Cond Mat AWG (Qty/mil) | Cond. O.D. Inch (mm) | Insul O.D. Inch (mm) | Shield Material Coverage           | Cond. D.C.R. Ω/1000ft Ω/100m | Shield D.C.R. Ω/1000ft Ω/100m | Nom Cap (1KHz) pF/ft pF/m | Velocity of Prop. | SD Trans Lng@270 Mb/s* |
| L-3C2VS                   | 656ft<br>200m | 20<br>9.1              | 0.217<br>5.5       | 0.039<br>1.0            | -22<br>-30          | AC-#25<br>7/7.09       | 0.021<br>0.54        | 0.122<br>3.10        | AC<br>>94%                         | <32.1<br><10.5               | <5.8<br><1.9                  | 21<br>67                  | 75 Ohms           | 66%                    |
| LV-61S                    | 500ft<br>153m | 19<br>8.6              | 0.240<br>6.1       | 0.039<br>1.0            | -22<br>-30          | AC-#24<br>7/7.88       | 0.024<br>0.60        | 0.142<br>3.60        | AC<br>>95%                         | <25.9<br><8.5                | <4.0<br><1.3                  | 21<br>67                  | 75 Ohms           | 66%                    |
| LV-77S                    | 500ft<br>153m | 32<br>14.5             | 0.303<br>7.7       | 0.035<br>0.9            | -22<br>-30          | AC-#22<br>7/10.24      | 0.031<br>0.78        | 0.189<br>4.80        | AC<br>>92% (inner)<br>>95% (outer) | <15.3<br><5.0                | <1.8<br><0.6                  | 21<br>67                  | 75 Ohms           | 66%                    |

Polyethylene dielectric insulation. Dielectric strength = 100V AC / 1min. Insulation resistance/3Mft = >1000MegaOhms.

| 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 |
| L-3C2VS                   | 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    |
| LV-61S                    | dB/100 ft | 1.3    | 3.3      | 4.1     | 4.9     | 6.0     | 7.7     | 8.5     | 11.1    | 12.2    | 12.8    |
|                           | dB/100 m  | 4.2    | 10.9     | 13.3    | 15.9    | 19.7    | 25.2    | 27.9    | 36.4    | 39.8    | 42.0    |
| LV-77S                    | 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    |