

▶ 75 ohm Video Coaxial Cable (LV-61S)



Product Name

75 ohm Video Coaxial Cable

Model Number

LV-61S

Product Image

Canare's No.1 Selling Coax. A lightweight, very flexible RG59B/U equivalent that is perfect for all video facility equipment interfacing, ENG/OB work and video patch cord assemblies. Our smooth non-glare finish PVC jackets are available in 10 distinctive colors (including Chroma-Key Blue!) and will stay flexible even in sub-zero weather!

- Broadcast Transmission.
- Analog and Digital.
- ENG/EFP.
- Inter-Rack Wiring.
- Video Patch Cords.
- Flexible Center Conductor: Stranded Bare Copper.
- Dielectric strips away clean from Conductor.
- Tightly Woven Braid Shield.
- Stays Flexible even in Subzero Weather.
- Available in 10 Colors.

| MECHANICAL SPECIFICATIONS | | | | | |
|---------------------------|-------------------------|-----------------------------------|--------------------------------|-------------------------------------------|-----------------------------|
| Model | Std. Lng. ft. (m) | Wt. Std. Lng. lbs. (Kgs) | Nominal O.D. in. (mm) | PVC Jacket Thickness in. (mm) | Brittle Point F° (C°) |
| LV-61S | 500 (153) | 19 (8.6) | .240 (6.1) | .039 (1.0) | -22 (-30) |

| (contd.) MECHANICAL SPECIFICATIONS | | | | | |
|------------------------------------|--------------------------|---------------------------|-----------------------------------|--------------------------------|--------------------------------|
| Model | Cond.-AWG (Qty./mil.) | Cond. O.D. in. (mm) | Dielectric Insulation Type* | Insulation O.D. in. (mm) | Shield Material Coverage |
| LV-61S | AC-#24 (7/7.88) | .024 (0.6) | PE | .142 (3.6) | AC Braid >95% |

*Dielectric Strength = 1000V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

| ELECTRICAL PERFORMANCE | | | | | | |
|------------------------|---------------------------------------------|----------------------------------------------|------------------------------|---------------------|------------------------------------------------|-------------------------|
| Model | Cond. D.C.R. ohm/1000ft (ohm/100m) | Shield D.C.R. ohm/1000ft (ohm/100m) | Nom. Cap. @1KHz (pF/m) | Nom. Imp. ohm | Nom. Attn. @10MHz dB/1000ft (dB/100m) | Velocity of Prop. |
| LV-61S | <25.9 (<8.5) | <4.0 (<1.3) | 67 | 75 | 13 (4.2) | 66% |

| COLORS AVAILABLE | | | | | | | | | | |
|------------------|-------|------|-------|------|-------|--------|--------|-----|-------|--------|
| Model | Black | Blue | Brown | Gray | Green | Orange | Purple | Red | White | Yellow |
| LV-61S | [+] | [+] | [+] | [+] | [+] | [+] | [+] | [+] | [+] | [+] |

[+]=Standard Color, [o]=Available Color, ""=n/a

| NOMINAL ATTENUATION VALUE | | | | | | | | | | |
|---------------------------|-------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Model | Lng. ft (m) | 10M Hz dB | 50M Hz dB | 100M Hz dB | 150M Hz dB | 200M Hz dB | 400M Hz dB | 700M Hz dB | 900M Hz dB | 1.0G Hz dB |
| L-1.5C2VS | 100 (100) | 2.9 (9.6) | 6.5 (21.5) | 9.3 (30.4) | 11.3 (37.2) | 13.1 (42.9) | 18.5 (60.7) | 24.5 (80.3) | 27.8 (91.1) | 29.3 (96.0) |
| L-3C2VS | 100 (100) | 1.5 (4.9) | 3.2 (10.4) | 4.7 (15.5) | 5.8 (19.0) | 6.7 (21.9) | 9.4 (31.0) | 12.5 (41.0) | 14.2 (46.5) | 14.9 (49.0) |
| LV-61S | 100 (100) | 1.3 (4.2) | 2.7 (9.0) | 4.1 (13.3) | 5.0 (16.3) | 5.7 (18.8) | 8.1 (26.6) | 10.7 (35.1) | 12.1 (39.8) | 12.8 (42.0) |
| LV-77S | 100 (100) | 1.0 (3.4) | 2.4 (7.8) | 3.3 (10.8) | 4.0 (13.2) | 4.6 (15.2) | 6.6 (21.5) | 8.6 (28.4) | 9.8 (32.3) | 10.4 (34.0) |

| CRIMP PLUGS AND TOOLS MATRIX | | | | | | | |
|------------------------------|--------------------------|-------|----------|----------------|-------|------------|-----------|
| Model | CANARE 75 ohm Connectors | | | Cable Stripper | | Crimp Tool | Die Set |
| | BNC | F | RCA | | | | |
| L-1.5C2VS | BCP-C1 | - | - | - | - | TC-1 | TCD-1DB |
| L-3C2VS | BCP-A3 | FP-C3 | RCAP-C3A | TS-100E | TS-3C | TC-1 | TCD-35CA |
| LV-61S | BCP-A4 | FP-C4 | RCAP-C4A | TS-100E | TS-4C | TC-1 | TCD-451CA |
| LV-77S | BCP-A77 | - | RCAP-C77 | TS-100E | TS-5C | TC-1 | TCD-5CF |