

**COAX VIDEO CABLE
CXV107**



Composite

OUTER DIAMETER

Ø 7 mm

APPLICATIONS

Very demanding mobile video applications, analog and digital, minimal attenuation loss

The CXV107 is a high-end video cable with a 48-strand bare copper conductor, foamed polyethylene dielectric and a dual braided shield featuring minimal attenuation loss and maximum bandwidth for the most demanding video applications. The tight tolerance on all parameters ensures continued good impedance matching, low reflection losses and constant velocity of propagation during its lifespan. The cable is easy to handle thanks to the highly flexible PVC jacket and combined with the effective shielding make it especially suited for mobile applications in noisy electrical environments.

<p>Inner Conductor</p>  <p>BARE COPPER</p>	<p>Shielding</p>  <p>BARE COPPER BRAIDING</p>  <p>TINNED COPPER BRAIDING</p>  <p>ALUMINUM FOIL</p>	<p>Compatible with</p>  <p>NEUTRIK BNC CONNECTOR NBNC75BQP11</p>	 <p>75 Ω</p>
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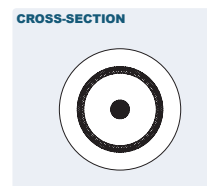
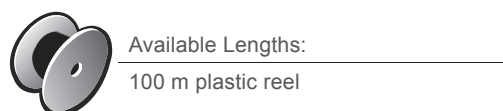
Type of cable	Coaxial video cable - 75 Ohm - Ø 7 mm
Inner conductor	BC 48 x 0,12 mm
Inner conductor section	0,54 mm ²
Isolation	Foamed PE Ø 4,5 mm
Isolation colour	White
Number of conductors	1
Shielding	BC 16 x 7 x 0,12 mm - Braiding TC 16 x 7 x 0,12 mm - Braiding
Shielding %	100%
Outer jacket	Flexible PVC
Outer jacket colour	Green
Outer jacket dimensions	Ø 7 mm
Impedance	75 Ohm
Lead resistance - 100 meter	4 Ohm
Shield resistance - 100 meter	1,5 Ohm
Lead capacitance @ 1 kHz - meter	58 pF
Lead attenuation @ 10 MHz - meter	0,065 dB
Voltage resistance	300 VAC - 15 sec
Insulation resistance	10 MOhm / m @ 250V DC - 1 min
Rated voltage	30 Volt
Velocity of propagation (%)	76,58%
American Wire Gauge	20 AWG

MECHANICAL SPECIFICATIONS

Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	6 x outer diameter
	flexible installation	8 x outer diameter

ATTENUATION SPECIFICATIONS

Attenuation (dB/100 ft.)	5 Mhz	10 Mhz	50 Mhz	100 Mhz	300 Mhz	500 Mhz	1 Ghz
CXV107	0,76	0,91	2,13	3,12	5,67	7,56	11.58
Attenuation (dB/100 m)							
CXV107	2.50	3,00	7,00	10,25	18,60	24,80	38,00



Video



BULK CABLES

