



kramer

BC-RG63G

1 Coax RG-6 Broadcast Quality Optimized
for 3G HD-SDI Bulk Cable

| 3G HD-SDI - BNC



Kramer's BC-RG63G is a high-performance broadcast-grade RG-6 cable for 3G HD-SDI applications. It has been optimized for the Sierra Aspen 3G HD-SDI routers that have a system range of 500ft

FEATURES

Quality Construction - 18AWG solid center conductor and dual shield design consisting of aluminum braid and dual aluminum Mylar foil. Rugged and flexible with low attenuation. Tested to 3G

Universal Compatibility - Compatible with Kramer's compression connectors as well as typical crimp systems

Length - Available in reels of 152/305m (500/1000ft)



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TECHNICAL SPECIFICATIONS

CONDUCTORS	Material Bare copper Construction 18AWG (1/18) Diameter 1.02 ± 0.005 mm
INSULATION	Material Foam PE Nom. Thickness 1.70mm Diameter 4.57 ± 0.05 mm
SCREENING	Material Heat-sealed aluminum/polyester Coverage $\geq 125\%$
OVERALL SHIELD	Material Tinned copper Construction 16/10/0.12Tmm Coverage $\geq 95\%$
JACKET	Material PVC Nom. Thickness 0.85mm Color Black Outer diameter 6.9 ± 0.10 mm
ELECTRICAL	Rated Voltage 300V Rated Temperature 75°C DCR (20°C) $6.52\Omega/1000$ FT Capacitance (20°C) $16.2\text{pF}/\text{FT}$ SRL (20°C) 23dB min @ 5–850 MHz, 21dB min @ 851–3000 MHz, 18dB min @ 3000–4500 MHz Impedance (20°C) $75 \pm 3\Omega$ Attenuation db/100ft (20°C) 0.28 dB @ 1 MHz, 0.77 dB @ 10 MHz, 1.53 dB @ 50 MHz, 1.98 dB @ 100 MHz, 2.73 dB @ 200 MHz, 3.9 dB @ 400 MHz, 5.24 dB @ 700 MHz, 6.35 dB @ 1000 MHz, 7.75 dB @ 1450 MHz, 9.47 dB @ 2000 MHz, 11.64 dB @ 3000 MHz
STANDARDS COMPLIANCE	UL/cUL CM/CMG CSA FT4 RoHS 2011/65/EU



CONFIGURATIONS

BC-RG63G-152M 1 Coax: Broadcast Quality RG-6 Bulk Cable

BC-RG63G-305M 1 Coax: Broadcast Quality RG-6 Bulk Cable
