

VDC Integrator Series 12G RG6 UHD Video

RG-6, 1.02mm Silver Plated Solid Copper, 93% TC STANDARD-SHIELD, BLACK LSZH



General

Cable Type	Coaxial Cable RG6
Conductor	Silver Plated Solid Copper
Insulation Material	Foamed PE
Insulation Color	White
First Screening	Al/PET/Al Bonded
Second Screening	TC Braid 93% Coverage
Jacket Material	LSZH
Jacket Color	Black

Dimensions

Conductor Diameter	1.02 mm
Insulation Diameter	4.55 mm
First Screening Outer Diameter	4.78 mm
Second Screening Construction	24x7x0.12mm
Diameter Over Jacket	6.96 mm
Jacket Thickness	0.80 mm

Electrical Characteristics

Operating Temperature	-20°C to +70°C
UV Resistance	ISO4892-3
Operating Voltage	80 V Max.
Characteristic Impedance	75± 3 Ohms
Inner Conductor DC Resistance	≤22.0 Ohms/km
Velocity of Propagation	≥82%
Capacity	52±3 pF/m
Return Loss	5-470 MHz ≥ 23 dB; 470-1000 MHz ≥ 20 dB; 1000-2000 MHz ≥ 18 dB; 2000-3000 MHz ≥ 16 dB
Attenuations @ 20°C (dB/100m) ±5%	5 MHz 1.9 – 862 MHz 19.8 50 MHz 4.6 – 950 MHz 20.9 100 MHz 7.1 – 1350 MHz 25.5 200 MHz 9.0 – 1750 MHz 29.6 400 MHz 13.0 – 2150 MHz 33.4 800 MHz 19.0 – 3000 MHz 40.6

Standard and Compliance

Flammability	EN 60332-1-2
Reaction to Fire - Bundle Flame Test	EN 50399
Smoke Density	EN 61034-2
Halogen Acid Gas Test	IEC 60754-1
Corrosive Gases Test	IEC 60754-2
RoHS 3 (EU 2015/863)	Compliant
REACH	Compliant
UV Resistance	ISO4892-3