

Part No: 390006H
Description: RG 6 Type 75 Ohm HD-SDI Coaxial Cable Featuring Foamed Polyethylene Insulation, Double Sided Aluminium Foil Screen and Tinned Copper Braid Low Smoke Halogen Free (LSHF) Black Sheath



Construction

Conductor Material : Solid Bare Copper
 Conductor Size : 1/1.02 mm
 Dielectric : Foamed Polyethylene (FPE)
 Diameter of Dielectric : 4.6 mm
 1st Screen Material : Bonded Aluminium Foil
 2nd Screen Material : Tinned Copper Wire Braid Screen (≥95% Coverage)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 75 Ω ± 5
 Capacitance : 53 pF /m ± 5
 Min Insulation Resistance @20°C : > 200 MΩ*M
 Max. Conductor Resistance : ≤ 25.3 Ω /km
 Voltage Rating : 30V

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
67.5	6.29	135	8.38	360	12.97	1000	23.25
71.5	6.42	143	8.46	540	16.24	1500	30.00
88.5	6.94	180	9.39	720	19.25	2000	34.85
100	7.25	270	11.32	750	19.78		

Physical Characteristics

Overall Diameter : 6.95 mm (±0.25mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 53 kg/km

Standards

Flame Retardant : BS EN 60332-1-2
 Low Smoke Generation : BS EN 61034-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS Compliant : Yes
 CE Compliant : LVD (2014/35/EU)
 UV and Weather Resistant : ISO 4892-3*
 : *Applies to all Batches ST***** Onwards