

Part No: 390006QH-F00
Description: RG 6 Quad Shield 75 Ohm Coaxial Cable Featuring Foamed Polyethylene Insulation, Bonded Aluminium Foil Screen, Aluminium Wire Braid, Aluminium Foil Screen, Aluminium Wire Braid, Low Smoke Halogen Free (LSHF) Black



Construction

Conductor Material : Copper Clad Steel
 Conductor Size : 1/1.02 mm
 Dielectric : Foamed Polyethylene (FPE)
 Diameter of Dielectric : 4.57 mm
 1st Screen Material : Bonded Aluminium Foil
 2nd Screen Material : Aluminium Wire Braid Screen (≥60% Coverage)
 3rd Screen Material : Aluminium Foil
 4th Screen Material : Aluminium Wire Braid Screen (≥45% Coverage)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black
 Alternative to Belden : 3092A

Electrical Characteristics

Impedance : 75 Ω ± 5
 Capacitance : 55 pF /m ± 5
 Min Insulation Resistance @20°C : > 200 MΩ*M
 Max. Conductor Resistance : ≤ 90 Ω /km
 Voltage Rating : 300V



Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	1.9	600	16.73	1800	27.73
55	5.25	750	18.54	2100	31.15
187	9.35	865	20.01	2200	31.92
300	11.64	1000	21.49	3000	37.50
450	14.43	1450	26.16		

Return Loss

Frequency (MHz)	Return Loss (≥dB)
5-30	23
30-470	23
470-862	20
862-2150	18

Physical Characteristics

Overall Diameter : 7.5 mm (±0.2mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 49 kg/km

Standards

RoHS Compliant : Yes
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : Fca (EN50575:2014+A1:2016)
 UV and Weather Resistant : ISO 4892-3*
 :*Applies to all Batches ST***** Onwards