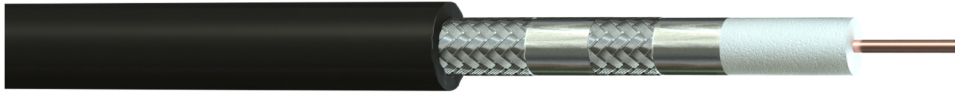


Part No: 390006QH
Description: For transmission of HD video signal up to 1080p, this coaxial cable features a double layer of aluminium foil and tinned copper wire braid screen.



Construction

Conductor Material : Copper Clad Steel
 Stranding : 1/1.02mm
 Dielectric : Foamed Polyethylene (FPE)
 Diameter of Dielectric : 4.6mm (+/- 0.1mm)
 1st Screen Material : Bonded Aluminium Foil, >100% Coverage
 2nd Screen Material : Aluminium Wire Braid, >60% Coverage
 3rd Screen Material : Double Sided Aluminium Foil, >100% Coverage
 4th Screen Material : Aluminium Wire Braid, >45% Coverage
 Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Black

Electrical Characteristics

Impedance : $75 \pm 1\Omega$
 Capacitance : $< 55 \text{ pF/m}$
 Velocity of Propagation : 85 %
 Conductor Resistance : $< 90 \Omega/\text{km}$
 Screen Resistance : $< 30 \Omega/\text{km}$

Attenuation

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	1.9	750	18.5
55	5.3	1000	21.5
187	9.4	1450	26.2
300	11.6	1800	27.7
450	14.4	2100	29.0
600	16.7	3000	32.5

Return Loss

Frequency (MHz)	dB
5 – 470	≥ 23
470 – 862	≥ 20
862 - 3000	≥ 18

Physical Characteristics

Overall Diameter : $7.5 \pm 0.2\text{mm}$
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to $+70^\circ\text{C}$
 Weight : 49 kg/km

Standards

RoHS Compliant : Yes
 Low Smoke Generation : EN 61034-2
 Halogen Gas Emission : EN 60754-1&2