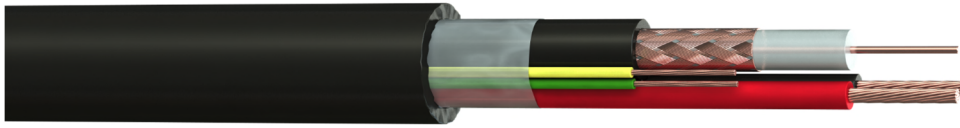


Part No: 39005922H
Description: Coaxial Cable RG59 B/U + 2x1.5mm² + 2x0.22mm² Composite LSF



Construction

RG 59 B/U

Conductor Material : Copper Clad Steel
 Stranding : 1/ 0.58mm
 Dielectric : Polyethylene (PE)
 Diameter of Dielectric : 3.7mm (+/- 0.15mm)
 Overall Screen : Bare Copper Wire Braid, >85% Coverage
 Sheath Material : Low Smoke Halogen Free (LSHF), Black

Power

Conductor Material : Bare Copper
 Conductor Size : 1.5mm², Class 5 (EN 60228)
 Insulation Material : Low Smoke Halogen Free (LSHF), Red & Black
 Number of Cores : 2

Data

Conductor Material : Bare Copper
 Conductor Size : 24(7)AWG
 Insulation Material : Low Smoke Halogen Free (LSHF), Green & Yellow
 Number of Cores : 2

Overall

Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black

Electrical Characteristics

Conductor Resistance : <235 Ω /km (Coax), <26 Ω /km (Power), <102 Ω /km (Data)
 Braid Resistance : <18.5 Ω /km (Coax)
 Voltage Rating : 30V (Coax), 300V (Power)
 Impedance (Coax) : 75 ± 3Ω
 Capacitance (Coax) : <70 pF /m

Attenuation

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
50	8.5	800	35.8
100	11.8	860	37.2
200	16.5	1000	39.5
450	26.0		

Physical Characteristics

Overall Diameter : 11.5 ± 0.3mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -15°C to +70°C

Standards

Flame Retardant : EN 60332-1-2
 Low Smoke Generation : EN 61034-2
 Halogen Gas Emission : EN 60754-1&2
 RoHS2 Compliant : Yes