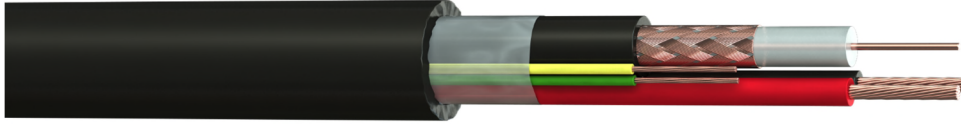


**Part No:** 39005922H-E00  
**Description:** Coaxial Cable RG59 B/U + 2 x 1.5mm<sup>2</sup> + 2 x 0.22mm<sup>2</sup> Composite Cable in Low Smoke Halogen Free (LSHF).



### Construction

#### RG59 B/U

Conductor Material : Copper Clad Steel  
 Stranding : 1/0.58mm  
 Dielectric Material : Polyethylene (PE)  
 Diameter of Dielectric : 3.7mm ± 0.18mm  
 Overall Screen : Bare Copper Wire Braid, >85% Coverage  
 Sheath Material : Low Smoke Halogen Free  
 Sheath Colour : Black  
 Overall Diameter : 6.1mm ± 0.20mm

#### 2 x 1.5mm<sup>2</sup> Power

Conductor Material : Bare Copper, Class 5  
 Conductor Stranding : 30/0.25mm  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : 1 x Black, 1 x Red

#### 2 x 0.22mm<sup>2</sup> Data

Conductor Material : Bare Copper, Class 5  
 Conductor Stranding : 7/0.2mm (24awg)  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : 1 x Green, 1 x Yellow

### Overall Construction

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

### Electrical Characteristics

#### RG59 B/U

Nominal Impedance : 75 Ω ± 5  
 Max. Conductor Resistance @ 20°C : ≤ 23.9 Ω/100m  
 Mutual Capacitance : 67 pF/m ± 5  
 Voltage Rating : 30 V  
 Attenuation

Frequency (MHz)	Attenuation (dB/100m)
100	13.5
200	19.4
400	27.6
800	40.5
1000	45.8

#### 2 x 1.5mm<sup>2</sup> Power

Max. Conductor Resistance @ 20°C : ≤ 13.3 Ω/km

#### 2 x 0.22mm<sup>2</sup> Data

Max. Conductor Resistance @ 20°C : ≤ 95.6 Ω/km

**Part No:** 39005922H-E00  
**Description:** Coaxial Cable RG59 B/U + 2 x 1.5mm<sup>2</sup> + 2 x 0.22mm<sup>2</sup> Composite Cable in Low Smoke Halogen Free (LSHF).

### Physical Characteristics

Overall Diameter : 11.5 ± 0.5mm  
Bend Radius : 10 x OD  
Temperature Rating : -10°C to 70°C  
Weight : 185 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  
RoHS3 Compliant : Yes  
CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
CPR Classification : Eca (EN50575:2014+A1:2016)