

**Part No:** 390062H-E00  
**Description:** RG 62 A/U 93 Ohm Coaxial Cable Aired Polyethylene Insulation, Plain Copper Braid Low Smoke Halogen Free (LSHF) Black Sheath



### Construction

Conductor Material : Copper Clad Steel  
 Conductor Size : 1/0.64 mm  
 Dielectric : Aired Polyethylene (APE)  
 Diameter of Dielectric : 3.7 mm ± 0.13mm  
 Screen Material : Plain Copper Wire Braid (≥92% Coverage)  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 Outer Sheath Colour : Black

### Electrical Characteristics

Impedance : 93 Ω ± 5  
 Capacitance : 44 pF /m ± 3  
 Velocity of Propagation : 84 % ± 3  
 Max. Conductor Resistance : ≤ 130 Ω /km  
 Max. Braid Resistance : ≤ 13 Ω/km  
 Voltage Rating : 30V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	1.9	500	19.0	1750	38.3
10	2.4	600	21.1	2150	43.1
50	5.8	800	24.4	2250	43.8
100	8.2	1000	27.8	2500	47.4
200	11.8	1350	32.9	2750	49.6
400	17.0	1500	34.7	3000	52.6

### Physical Characteristics

Overall Diameter : 6.2 mm (±0.20mm)  
 Min. Bend Radius : Fixed 5 x OD Flexing 10 x OD  
 Temperature Rating : -30°C to +70°C  
 Weight : 60 kg/km

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)