

**Part No.** 391070H-E00  
**Description:** URM 70 Coaxial Cable Black Low Smoke Halogen Free (LSHF) Sheath



### Construction

Conductor Material : Bare Copper  
 Stranding : 7 x 0.19mm  
 Dielectric : Polyethylene (PE)  
 Diameter of Dielectric : 3.25 (+/- 0.15mm)  
 Screen Material : Bare Copper Wire Braid (≥83% Coverage)  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 Outer Sheath Colour : Black

### Electrical Characteristics

Impedance : 75± 3Ω  
 Capacitance : < 70 pF /m  
 Velocity of Propagation : 66 %  
 Conductor Resistance : < 93.5 Ω /km  
 Outer Conductor Resistance : < 23 Ω /km

### Attenuation

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	3.0	300	22.2
55	9.3	450	27.6
187	17.3	600	33.0

### Physical Characteristics

Overall Diameter : 5.8 ± 0.10mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -15°C to +70°C  
 Weight : 59 kg/km

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2006/95/EC), CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)