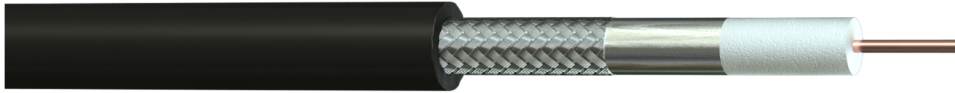


**Part No:** 390L40H75-E00  
**Description:** ANT-400 75 Ohm Antennax Low Smoke Halogen Free (LSHF) Black Coaxial Cable



### Construction

Conductor Material : Bare Copper  
 Conductor Size : 1/2.74 mm  
 Dielectric : Foam Polyethylene (FPE)  
 Diameter of Dielectric : 7.24 mm  
 1<sup>st</sup> Screen Material : Bonded Aluminium Foil  
 2<sup>nd</sup> Screen Material : Tinned Copper Wire Braid (>86% Coverage)  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 Outer Sheath Colour : Black



### Electrical Characteristics

Impedance : 75 Ω ± 2  
 Capacitance @ 1 kHz : 52.3 pF/m ± 5  
 Velocity of Propagation : 85 %  
 Conductor Resistance @ 20°C : ≤ 8.4 Ω /km  
 Screen Resistance @ 20°C : ≤ 5.61 Ω /km  
 Peak Power : 10.0 kW

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
30	0.64	2.3	1500	4.9	16.3
50	0.82	2.9	1800	5.4	18.0
150	1.5	4.8	2000	5.7	18.5
220	1.8	5.8	2500	6.4	21.5
450	2.6	8.5	5800	10.3	33.8
900	3.7	12.3			

### Return Loss @ 20°C

Frequency (MHz)	Return Loss (dB)
30-2500MHz	≥ 15

### Physical Characteristics

Overall Diameter : 10.3 mm (±0.20mm)  
 Bending Radius : 5 x OD  
 Temperature Rating : -40°C to +75°C  
 Weight : 101 kg/km  
 Flat Plate Crush : 0.71 kg/mm

### Standards

Flame Retardant : BS EN 60332-1-2, BS EN 60332-3-24 Cat C  
 Low Smoke Generation : BS EN 61034-2  
 Halogen Gas Emission : BS EN 60754-1&2  
 RoHS3 Compliant : Yes  
 UV & Weather Resistant : ISO 4892-3  
 CE Compliant : CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)