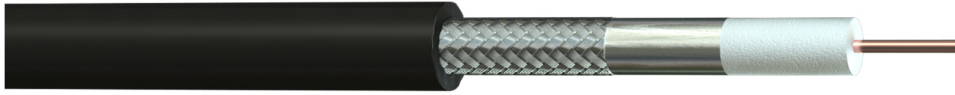


**Part No:** 390L19H-E00  
**Description:** ANT-195 50 Ohm Antennax Low Smoke Halogen Free (LSHF) Black Coaxial Cable



### Construction

Conductor Material : Solid Bare Copper  
Conductor Size : 1/0.94 mm  
Dielectric : Foam Polyethylene (FPE)  
Diameter of Dielectric : 2.79 mm  
1<sup>st</sup> Screen Material : Bonded Aluminium Foil  
2<sup>nd</sup> Screen Material : Tinned Copper Wire Braid (>89% Coverage)  
Outer Sheath Material : Low Smoke Halogen Free (LSHF), UV Resistant  
Outer Sheath Colour : Black



### Electrical Characteristics

Impedance : 50 Ω ± 2  
Capacitance @ 1 kHz : 80 pF/m ± 5  
Velocity of Propagation : 75 %  
Conductor Resistance @ 20°C : ≤ 24.9 Ω /km  
Screen Resistance @ 20°C : ≤ 16.1 Ω /km  
Peak Power : 2.5 kW

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
30	2.1	6.8	1500	14.2	46.7
50	2.6	8.6	1800	15.7	51.5
150	4.3	14.2	2000	16.6	54.3
220	5.2	17.0	2500	19.5	63.8
450	7.5	24.7	5800	29.9	98.1
900	10.9	35.6			

### Return Loss @ 20°C

Frequency (MHz)	Return Loss (dB)
30-3000MHz	≥ 15

### Physical Characteristics

Overall Diameter : 4.95 mm (±0.15mm)  
Bending Radius : 5 x OD  
Temperature Rating : -40°C to +75°C  
Weight : 30 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  
UV & Weather Resistant : ISO 4892-2&3  
CE Compliant : CPR (305/2011)  
CPR Classification : Eca (EN50575:2014+A1:2016)