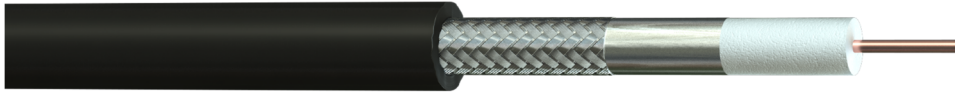


Part No: 390L20H
Description: ANT-200 50 Ohm Antennax Low Smoke Halogen Free (LSHF) Black Coaxial Cable



Construction

Conductor Material : Solid Bare Copper
 Conductor Size : 1/1.12 mm
 Dielectric : Foam Polyethylene (FPE)
 Diameter of Dielectric : 2.95 mm
 1st Screen Material : Bonded Aluminium Foil
 2nd Screen Material : Tinned Copper Wire Braid (>88% Coverage)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 50 Ω ± 2
 Capacitance @ 1 kHz : 80 pF/m ± 5
 Velocity of Propagation : 83 %
 Conductor Resistance @ 20°C : ≤ 17.6 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	1.9	6.1	1500	12.5	40.9
50	2.3	7.5	1800	13.8	45.1
150	3.7	12.1	2000	14.6	47.8
220	4.5	14.6	2500	16.6	54.2
450	6.5	21.3	5800	26.4	86.5
900	9.5	31.1			

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