

Part No: 390L19H
Description: ANT-195H 50 Ohm Antennax™ Feeder Cable Black LSHF



Construction

Conductor Material : Solid Bare Copper
 Stranding : 1/0.94mm
 Dielectric : Foamed Polyethylene (FPE)
 Diameter of Dielectric : 2.79mm
 Screen Material (1) : Bonded Aluminium Tape
 Coverage (1) : 100%
 Screen Material (2) : Tinned Copper Wire Braid
 Coverage (2) : > 89%
 Outer Sheath Material : Low Smoke Halogen Free, UV Resistant
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 50 Ω
 Capacitance : 24.3 pF/ft (79.7 pF/m)
 Velocity of Propagation : 75%
 Conductor Resistance : $\leq 24.9 \Omega/\text{km}$
 Outer Conductor Resistance : $\leq 16.1 \Omega/\text{km}$
 Voltage Withstand : 1.5 kV
 Jacket Spark : 3.0 kV (rms)
 Return Loss (30-2800MHz) : $\geq 15 \text{ dB}$
 Peak Power : 2.5 kW

Physical Characteristics

Overall Diameter : 5.0 mm
 Min. Bend Radius : 12.7 mm
 Temperature Rating : -35°C to +80°C
 Weight : 30 kg/km

Standards

RoHS2 Compliant : Yes
 Low Smoke Generation : EN 61034-2
 Halogen Gas Emission : EN 60754-1&2
 Flame Retardant : EN 60332-1-2

Attenuation

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

These are actual test results from production cable. They should not be confused with the theoretical data shown in some companies catalogues.

Attenuation performance independently verified by Telegärtner UK Ltd



Connectors

390L19-EZCB1 BNC Male Connector (Spring Finger) for Antennax ANT-195
 390L19-EZCN1 N-Type Male Connector (Spring Finger) for Antennax ANT-195
 390L19-EZCN2 N-Type Female Connector (Spring Finger) for Antennax ANT-195

Tools

390L19-T1 Crimp Tool for Antennax ANT-195
 390L19-EZS1 EZ Strip and Prep Tool for Antennax ANT-195