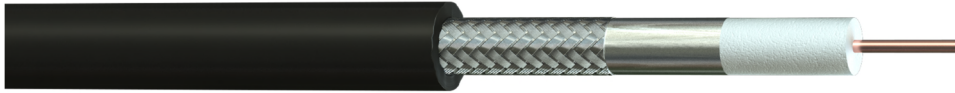


**Part No:** 390L19  
**Description:** ANT-195 50 Ohm Antennax™ Feeder Cable Black PE Sheath



### 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 : Polyethylene – 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 : ≤ 24.9 Ω/km  
Outer Conductor Resistance : ≤ 16.1 Ω/km  
Voltage Withstand : 1.5 kV  
Jacket Spark : 3.0 kV (rms)  
Return Loss (30-2800MHz) : ≥ 15 dB  
Peak Power : 2.5 kW

### Physical Characteristics

Overall Diameter : 5.0 mm  
Min. Bend Radius : 12.7 mm  
Temperature Rating : -30°C to +85°C  
Weight : 30 kg/km

### Standards

RoHS2 Compliant : Yes

### 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

### 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

