

Antennax ANT-195 50 Ohm PE Sheath **Technical Datasheet**

Part No: 390119

Description: ANT-195 50 Ohm Antennax™ Feeder Cable Black PE Sheath





Construction

: Solid Bare Copper **Conductor Material** : 1/0.94mm Stranding

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

Physical Characteristics

Impedance : 50 Ω

Capacitance : 24.3 pF/ft (79.7 pF/m)

: 75% Velocity of Propagation

Conductor Resistance : ≤ 24.9 Ω/km **Outer Conductor Resistance** : ≤ 16.1 Ω/km Voltage Withstand : 1.5 kV Jacket Spark : 3.0 kV (rms) (30-2800MHz) **Return Loss** : ≥ 15 dB

Peak Power : 2.5 kW

Standards

Overall Diameter : 5.0 mm **RoHS2 Compliant**

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

Connectors

BNC Male Connector (Spring Finger) for Antennax ANT-195 390L19-EZCB1 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

FS Cables Tel: 01727 840 841 sales@fscables.com www.fscables.com

Information and images on this datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.

ISO 9001:2015 Certificate Number: DAS94272226/0/Q

Attenuation

Atten	uation	
dB/100ft	dB/100m	
2.1	6.8	
2.6	8.6	
4.3	14.2	
5.2	17.0	
7.5	24.7	
10.9	35.6	
14.2	46.7	
15.7	51.5	
16.6	54.3	
19.5	63.8	
	dB/100ft 2.1 2.6 4.3 5.2 7.5 10.9 14.2 15.7 16.6	

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



: Yes

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