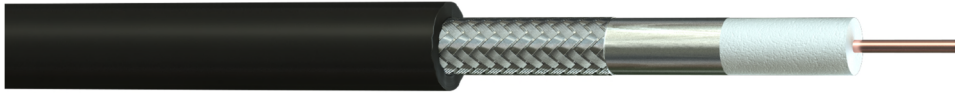


Part No: 390L20H-E00
Description: ANT-200H 50 Ohm Antennax™ Feeder Cable Black LSHF



Construction

Conductor Material : Solid Bare Copper
Stranding : 1/1.12mm
Dielectric : Foamed Polyethylene (FPE)
Diameter of Dielectric : 2.95mm
Screen Material (1) : Bonded Aluminium Tape
Coverage (1) : 100%
Screen Material (2) : Tinned Copper Wire Braid
Coverage (2) : > 88%
Outer Sheath Material : Low Smoke Halogen Free, UV Resistant
Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 50 Ω
Velocity of Propagation : 83%
Capacitance : 24.5 pF/ft (80.4 pF/m)
Inductance : 0.20 μH/m
Withstand Voltage : 1.5 kV
Jacket Spark : 3.0 kV (rms)
Conductor Resistance : ≤ 17.6 Ω/km
Outer Conductor Resistance : ≤ 16.1 Ω/km
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 : -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
CE Compliant : CPR (305/2011)
CPR Classification : E_{ca} (EN50575:2014+A1:2016)

Attenuation

Frequency (MHz)	Attenuation	
	dB/100ft	dB/100m
30	1.9	6.1
50	2.3	7.5
150	3.7	12.1
220	4.5	14.6
450	6.5	21.3
900	9.5	31.1
1500	12.5	40.9
1800	13.8	45.1
2000	14.6	47.8
2500	16.6	54.2

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

390L20-CB1	BNC Male Crimp Connector for Antennax ANT-200
390L20-CN1	N-Type Male Crimp Connector for Antennax ANT-200
390L20-CN2	N-Type Female Crimp Connector for Antennax ANT-200
390L20-CT1	TNC Male Crimp Connector for Antennax ANT-200
390L20-CT2	TNC Female Crimp Connector for Antennax ANT-200
390L20-CT6	TNC Reverse Polarity Male Crimp Connector for ANT-200
390L20-CT7	TNC Reverse Polarity Female Crimp Connector for ANT-200

Tools

390L20-T1	Crimp Tool for Antennax ANT-200
390L20-S1	Stripping Tool for Antennax ANT-200