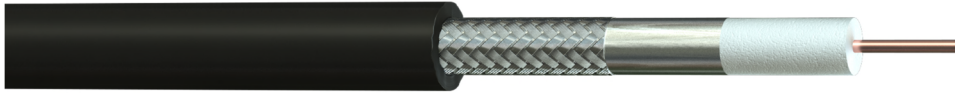


Part No: 390L24
Description: ANT-240 50 Ohm Antennax™ Feeder Cable Black PE Sheath



Construction

Conductor Material : Solid Bare Copper
Stranding : 1/1.42mm
Dielectric : Foamed Polyethylene (FPE)
Diameter of Dielectric : 3.81mm
Screen Material (1) : Bonded Aluminium Tape
Coverage (1) : 100%
Screen Material (2) : Tinned Copper Wire Braid
Coverage (2) : > 90%
Outer Sheath Material : Polyethylene, UV Resistant
Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 50 Ω
Velocity of Propagation : 83%
Capacitance : 24.4 pF/ft (80.0 pF/m)
Voltage Withstand : 1.5 kV
Jacket Spark : 5.0 kV (rms)
Conductor Resistance : ≤ 10.9 Ω/km
Outer Conductor Resistance : ≤ 12.8 Ω/km
Return Loss (30-2800MHz) : ≥ 15 dB
Peak Power : 5.6 kW

Physical Characteristics

Overall Diameter : 6.1mm
Min. Bend Radius : 19.1mm
Temperature Rating : -30°C to +85°C
Weight : 50 kg/km

Standards

RoHS2 Compliant : Yes

Attenuation

Frequency (MHz)	Attenuation	
	dB/100ft	dB/100m
30	1.5	4.9
50	1.8	6.0
150	2.9	9.6
220	3.5	11.5
450	5.1	16.8
900	7.4	24.3
1500	9.7	31.8
1800	10.7	35.0
2000	11.3	37.0
2500	12.7	41.8
5800	20.0	65.5

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

390L24-CB1	BNC Male Crimp Connector for Antennax ANT-240
390L24-CN1	N-Type Male Crimp Connector for Antennax ANT-240
390L24-CN2	N-Type Female Crimp Connector for Antennax ANT-240
390L24-CT1	TNC Male Crimp Connector for Antennax ANT-240
390L24-CT2	TNC Female Crimp Connector for Antennax ANT-240
390L24-CT6	TNC Reverse Polarity Male Crimp Connector for Antennax ANT-240
390L24-CT7	TNC Reverse Polarity Female Crimp Connector for Antennax ANT-240
390L24-EZCT6	TNC Reverse Polarity Male Connector (Spring Finger) for Antennax ANT-240
390L24-EZCT7	TNC Reverse Polarity Female Connector (Spring Finger) for Antennax ANT-240

Tools

390L24-T1	Crimp Tool for Antennax ANT-240
390L24-EZS1	EZ Strip and Prep Tool for Antennax ANT-240 (EZ connectors only)