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CommScope LDF2-50, HELIAX(r) Low Density Foam Coaxial Cable, corrugated copper, 3/8 in, black PE jacket- 500m

SKU
ACC-CS-00046
MPN
LDF2-50

Description

The CommScope LDF2-50 HELIAX® Low Density Foam Coaxial Cable is a high-performance 3/8-inch corrugated cable ideal for medium-duty jumper applications in large antenna systems and Distributed Antenna Systems (DAS). Featuring a solid corrugated copper outer conductor, it delivers exceptional 110 dB shielding effectiveness and meets low Passive Intermodulation (PIM) targets. Its dimensions include an 11.2 mm outer diameter and a 3.3 mm inner conductor diameter, providing optimal performance across a frequency range of 1 GHz to 13 GHz.

The cable is 500 metres long and weighs 120 grams, ensuring durability through multiple mating cycles. It complies with ISO 9001 Quality Management and RoHS standards, underscoring its reliability and environmental responsibility. The black polyethylene jacket adds protection and longevity to the cable's lifespan.

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RF Specification

Start Frequency
1 GHz
Stop Frequency
13 GHz

Physical Specification

Subtype
Cable Reel
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
500 m
Weight
120 g

LDF2-50

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
40.64 mm
Min. Bend Radius Dynamic
95.25 mm
Max. Frequency
13 GHz
Colour
Black
Weight (g/m)
120 g
Cable Layers

Layer	Diameter	Materials
Inner Conductor	3.12 mm	Copper Clad Aluminium (CCA)
Dielectric	8.64 mm	Foamed Polyethylene (EPE)
Outer Conductor	9.65 mm	Corrugated Copper Tube
Outer Jacket	11.18 mm	Polyethylene (PE)

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