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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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CommScope (NASDAQ: COMM) helps design, build and manage wired and wireless networks around the world. As a communications infrastructure leader, we shape the always-on networks of tomorrow. For more than 40 years, our global team of greater than 20,000 employees, innovators and technologists have empowered customers in all regions of the world to anticipate what's next and push the boundaries of ...

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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