

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

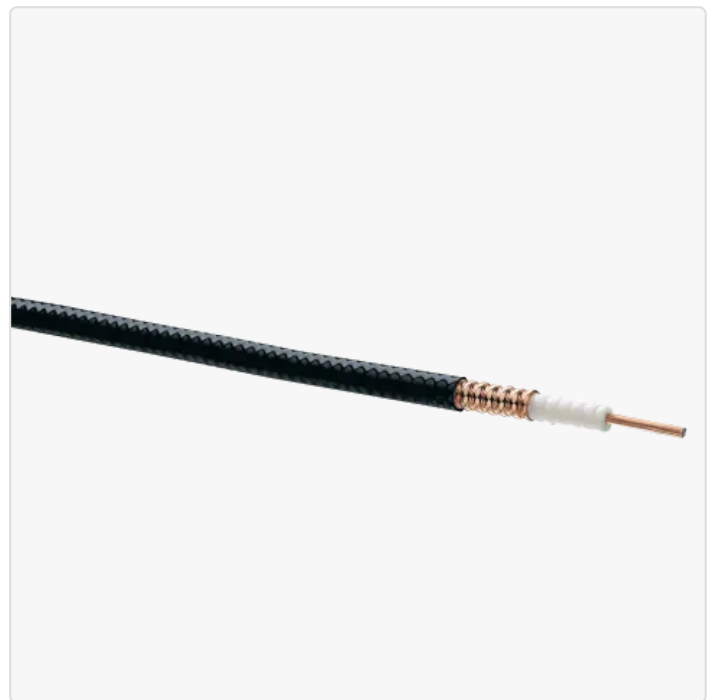
Description

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.

CommScope, a leading global telecommunications infrastructure provider, designs and manufactures...

[Read More](#)



COMMSCOPE®

CommScope

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	Length:	500 m
Compliance/Certifications:	ISO 9001 Quality Management	Weight:	120 g
RoHS			

LDF2-50

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

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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

