Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

CommScope FSJ2-50, HELIAX(r) Superflexible Foam Coaxial Cable, corrugated copper, 3/8 in, black PE jacket - 500m

SKU
ACC-CS-00047
MPN
FSJ2-50

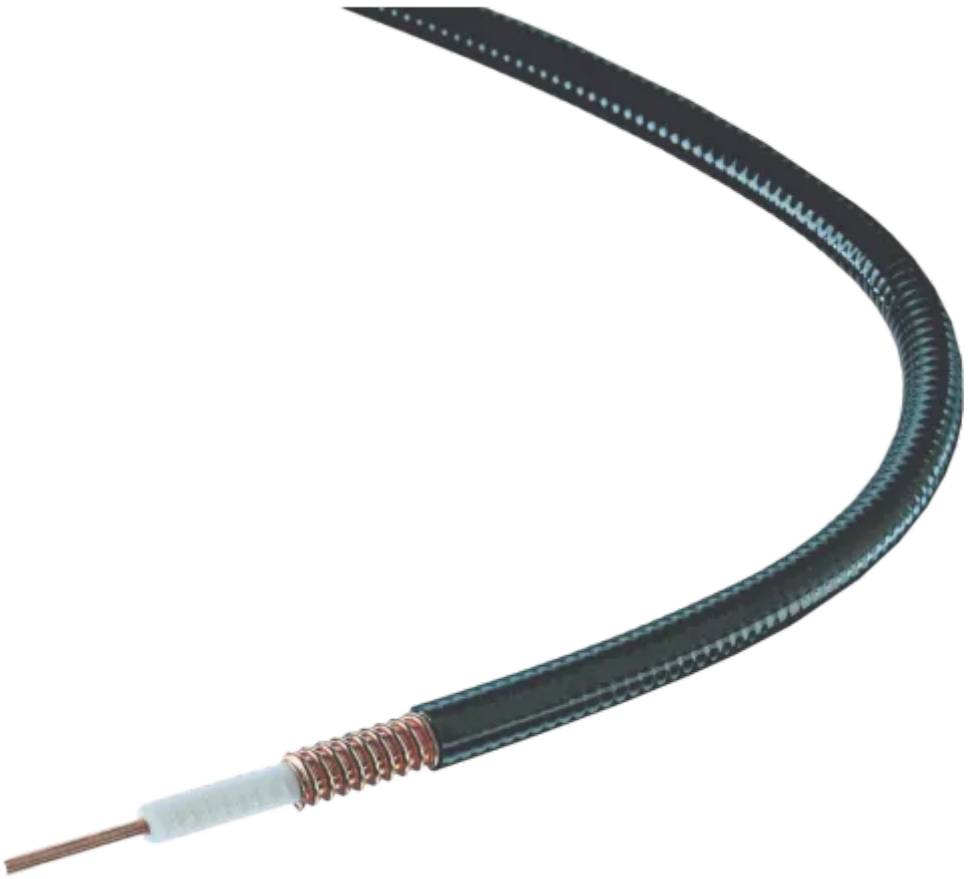
Description

The CommScope FSJ2-50 HELIAX® Superflexible Foam Coaxial Cable is a premium choice for RF applications, designed for optimal performance in short interconnections within large antenna systems. This 3/8-inch corrugated coaxial cable features a robust solid copper outer conductor, ensuring superior shielding effectiveness of 110 dB and minimal PIM (Passive Intermodulation). With a 500-metre length and a weight of 120 grams, it offers flexibility and ease of installation.

The cable's design includes a 11.2 mm outer diameter and a 3.3 mm diameter inner conductor. It operates efficiently across a frequency range from 0 GHz to 13 GHz, making it versatile for various applications. Its durability is demonstrated by its ability to withstand multiple mating cycles, ensuring long-term reliability in demanding environments.

Manufactured to meet ISO 9001 and RoHS compliance standards, the FSJ2-50 represents CommScope's commitment to quality and...

Read More



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
13.4 GHz

Physical Specification

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

FSJ2-50

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

Layer	Diameter	Materials
Inner Conductor	2.79 mm	Copper Clad Aluminium (CCA)
Dielectric	7.11 mm	Foamed Polyethylene (EPE)
Outer Conductor	9.65 mm	Corrugated Copper Tube
Outer Jacket	10.54 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.

