

Page



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

CommScope 78EZHF 4.3-10 Female EZfit Connector for 7/8" AVA5-50 and AVA5-50FX Cable

SKU
ACC-CS-00095
MPN
78EZHF

Description

The CommScope 78EZHF 4.3-10 Female EZfit Connector, designed for 7/8" AVA5-50 and AVA5-50FX cables, delivers reliable performance for RF applications. This connector features a straight, free-hanging body and utilises a cable-captivated attachment method for secure connections. Constructed with silver-plated inner contacts, it ensures optimal conductivity and durability.

With dimensions of 60.2 x 48.01 mm and a weight of 135.60 g, this connector supports up to 5000 GHz operating frequency, providing excellent versatility across a broad range of applications. It operates efficiently in temperatures from -45 °C to 85 °C and boasts a 3rd Order PIM rating of ≤ -115 dBc with an impedance of 50 Ω .

Performance metrics include a VSWR of $\leq 1.23:1$ and a return loss of ≤ 20.00 dB at both 3800 MHz and 4200 MHz, with an insertion loss of only 0.05 dB. The connector complies with ISO 9001 and has been rigorously tested to IEC standards for salt mist...

[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 Connector Interface

RF Interface Body Shape Mounting

[4.3-10 Female Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

5000 GHz

PIM, 3rd Order

≤ -115 dBc

Input Impedance

50 Ω

VSWR Measurement

Frequency VSWR Return Loss Insertion Loss

3800 MHz	$\leq 1.23:1$	≤ 20 dB	0.05 dB
4200 MHz	$\leq 1.23:1$	≤ 20 dB	0.05 dB

Physical Specification

Cable Group

[7/8 Corrugated](#)

Dimensions

60.2 x 48.01

Weight

135.6 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

Mechanical Compliance

[IEC 60068-2-11: Salt Mist](#)

,

[IEC 60068-2-14: Change of Temperature](#)

,

[IEC 60068-2-27: Mechanical Shock](#)

,

[IEC 60068-2-6: Vibration](#)

Conductor Attachment

[Cable, Captivated](#)

Contact Plating

[Silver](#)

Min. Operating Temperature

-45 °C

Max. Operating Temperature

85 °C

Ingress Protection

[IP68](#)

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.

