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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 ≤ 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...

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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	≤ 1.23:1	≤ 20 dB	0.05 dB
4200 MHz	≤ 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

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