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

SKU
ACC-CS-00109
MPN
78EZHM

Description

The CommScope 78EZHM 4.3-10 Male EZfit Connector is designed for reliable performance with 7/8" AVA5-50 and AVA5-50FX coaxial cables. Featuring a straight, free-hanging design, this connector ensures easy installation with its cable-captivated attachment mechanism. It supports a wide operating frequency range from 0 to 5000 GHz, making it suitable for various RF applications. With a weight of 144.20 grams and dimensions of 51.99 x 37.01 mm, it is compact and robust.

Constructed with a durable body and silver-plated inner contacts, the connector endures harsh environments, complying with IEC standards for salt mist, temperature change, mechanical shock, and vibration. It withstands multiple mating cycles and operates efficiently within a temperature range of -45 °C to 85 °C. The connector maintains a 50 Ω impedance and offers excellent electrical performance, with a VSWR of ≤ 1.11:1 and an insertion loss of 0.05 dB at 800 MHz, and a VSWR...

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RF Connector Interface

RF Interface	Body Shape	Mounting
4.3-10 Male	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
800 MHz	≤ 1.11:1	≤ 25.96 dB	0.05 dB
4100 MHz	≤ 1.23:1	≤ 20 dB	

Physical Specification

Cable Group
7/8 Corrugated
Dimensions
51.99 x 37.01
Weight
144.2 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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