

E1H0XXX43M43MR-CC

Jumper cable assemblies 5 meters or less manufactured with EC1-50-HF (1/4" HIFLEX) cable and soldered 4.3-10 male connector to right angle 4.3-10 male connector, with optional weatherproofing boots



FEATURES

- **Superflexible jumper cable with soldered connectors**
- **Excellent return loss (VSWR) values**
- **Very low 3rd order intermodulation**

Technical Features

Electrical

Nominal impedance (Ω)	50 \pm 1
Frequency range (MHz)	10 – 6000
PIM ratio (2 x 20 W carrier 3 rd order) (dBc)	\leq -153
Attenuation (dB/ft) at 20° C – without connectors*	
• 960 MHz	0.055
• 1880 MHz	0.079
• 2200 MHz	0.086
• 2700 MHz	0.096
• 3500 MHz	0.111
• 5800 MHz	0.148
Relative propagation velocity (%)	82
Maximum power rating (W)	100 W @ 2 GHz @ 85° C

Mechanical

Minimum bending radius (in)	
• Single bend	1.0
• 15 repeated bends	1.0

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Clearwater, FL 33760



Environmental

Temperature range (°C)

- Installation - 40 to + 60
- Operation - 55 to + 85

Protection against water ingress

IP 68

General environmental

Corrosion and UV resistant

RoHS compliance

Yes

Torque Specification (ft-lb)

4.3-10 male connector

6

Return Loss (dB)

Jumper length less than or equal to 5 meters

0.0 – 3.0 GHz

≤ 24

3.0 – 6.0 GHz

≤ 20

Optional Weatherproofing boot



FEATURES

- **Additional IP68 protection**
- **Very quick and easy to install**
- **Repeated use**

Product Reference

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E1H

EC1-50-HF (1/4" HIFLEX)

0XXX

Length in centimeters (500 centimeters and below)

43M

NEX10 male connector ("B" in front of connector type includes factory installed weather boot)

43MR

4.3-10 male right angle connector ("B" in front of connector type includes factory installed weather boot)

* Typical values without connectors, the typical connector attenuation (2 connectors) is less than 0.02 dB

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