

E1H0XXX43MDM-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 7/16 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 – 2700
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

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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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

7/16 male connector (ft-lb)	18
4.3-10 male connector (ft-lb)	6

Return Loss (dB)

Jumper length less than or equal to 5 meters	
0.0 – 2.7 GHz	≤ 24

Optional Weatherproofing boot



FEATURES

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

Product Reference

E1HXXX43MDM-CC

E1H	EC1-50-HF (1/4" HIFLEX)
OXXX	Length in centimeters (up to 500 centimeters)
43M	4.3-10 male connector ("B" in front of connector type includes factory installed weather boot)
DM	7/16 male connector

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

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