



E1H0XXX43M43M-PW-CC

Jumper cable assemblies 5 meters or less manufactured with EC1-50-HF (1/4" HIFLEX) cable and 4.3-10 male connectors, made with white Plenum rated cable



FEATURES

- **Flexible jumper cable**
- **Excellent return loss (VSWR) values**
- **Low 3rd order passive intermodulation**
- **Low smoke flame retardant jacket according to UL-910 / NFPA 262 CATVP rated (plenum)**

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

Mechanical

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

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5181 110TH Ave N, Unit D
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

4.3-10 male connector torque nominal (ft-lb)

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

Product Reference

E1HXXX43M43M-PW-CC

E1H	EC1-50-HF-PW (1/4" HIFLEX, Plenum)
XXXX	Length in centimeters
43M	4.3-10 male connector
43M	4.3-10 male connector
PW	White Plenum Cable
CC	Crown Castle specific part

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

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