

# E1H0XXXNMNF-CC

Jumper cable assemblies 5 meters or less manufactured with EC1-50-HF (1/4" HIFLEX) cable and soldered N male connector to N female connectors



## FEATURES

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

## Technical Features

### Electrical

Nominal impedance ( $\Omega$ )	50 $\pm$ 1
Frequency range (MHz)	10 – 2700
PIM ratio (2 x 20 W carrier 3 <sup>rd</sup> 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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5181 110<sup>TH</sup> 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

N male connector torque nominal (ft-lb)	6
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## Return Loss (dB)

Jumper length less than or equal to 5 meters	
0.0 – 3.0 GHz	≤ 24

## Product Reference

E1H0XXXNMNF-CC

E1H	EC1-50-HF (1/4" HIFLEX)
OXXX	Length in centimeters (500 centimeters or less)
NM	N male connector
NF	N female connector

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

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