

# E4S0XXX41M43M-CC

Jumper cable assemblies 5 meters or less manufactured with EC4-50 (1/2" STANDARD) cable and soldered 4.1-9.5 male connector to 4.3-10 male connector, with optional weatherproofing boot.



## FEATURES

- **Flexible jumper cable with soldered connectors**
- **Excellent return loss (VSWR) values**
- **Very low 3<sup>rd</sup> order intermodulation**
- **Junctions cable/connectors protected with an over-molding for mechanical robustness**

## Technical Features

### Electrical

Nominal impedance ( $\Omega$ )	50 $\pm$ 1
Frequency range (MHz)	10 – 2700
PIM ratio (2 x 20 W carrier) (dBc)	$\leq$ -153
Attenuation (dB/ft) at 20° C – without connectors*	
• 960 MHz	0.021
• 1880 MHz	0.031
• 2200 MHz	0.034
• 2700 MHz	0.038
• 3500 MHz	0.045
• 5800 MHz	0.060
Relative propagation velocity (%)	88
RF Voltage rating (peak) (V)	1600
Minimum bending radius (in)	
• Single bend	2.8
• 15 repeated bends	4.7

**CONTACT US  
DIRECTLY FOR  
ORDERING &  
SUPPORT**

**EMAIL**  
CUSTOMERSERVICE@EUPEN.US

**WEB**  
EUPEN.US  
Radiating-cables.com

**CONTACT**  
PHONE 800.419.5100  
FAX 727.528.0751

**ADDRESS**  
5181 110<sup>TH</sup> Ave N, Unit D  
Clearwater, FL 33760



## Environmental

### Temperature range (°C)

- Installation - 40 to + 140
- Operation - 67 to + 185

### Protection against water ingress

IP 68

### General environmental

Corrosion and UV resistant

### RoHS compliance

Yes

## Torque Specification

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

6

### 4.1-9.5 male connector torque (ft-lb)

11

## 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

E4S0XXX41M43M-CC

E4S

EC4-50 (1/2" STANDARD)

0XXX

Length in centimeters (500 centimeters and below)

41M

4.1-9.5 male connector ("B" in front of connector type includes factory installed weather boot)

43M

4.3-10 male 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

**CONTACT US  
DIRECTLY FOR  
ORDERING &  
SUPPORT**

**EMAIL**  
CUSTOMERSERVICE@EUPEN.US

**WEB**  
EUPEN.US  
Radiating-cables.com

**CONTACT**  
PHONE 800.419.5100  
FAX 727.528.0751

**ADDRESS**  
5181 110<sup>TH</sup> Ave N, Unit D  
Clearwater, FL 33760