# CO85MCXR



#### MCX Male Right Angle for 0.085 in CF085-50 cable

#### OBSOLETE

This product was discontinued on: October 7, 2013

#### Product Classification

Product Type	Wireless and radiating connector
General Specifications	
Body Style	Right angle
Cable Family	CF085-50
Inner Contact Plating	Gold
Interface	MCX Male
Mounting Angle	Right angle
Outer Contact Plating	Gold
Pressurizable	No
Dimensions	
Height	9.14 mm   0.36 in
Width	5.08 mm   0.2 in
Length	8.38 mm   0.33 in

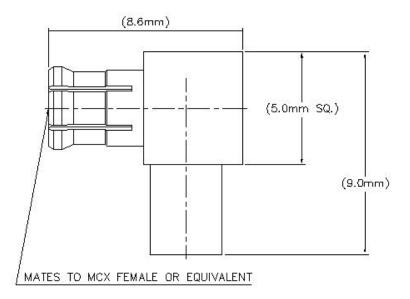
# Outline Drawing

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## **Electrical Specifications**

Average Power at Frequency	0.2 kW @ 900 MHz
Cable Impedance	50 ohm
Connector Impedance	50 ohm
dc Test Voltage	750 V
Inner Contact Resistance, maximum	5 mOhm
Insulation Resistance, minimum	1000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm
Peak Power, maximum	0.21 kW
Shielding Effectiveness	-100 dB

## VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–2700 MHz	1.08	28.3
3000-6000 MHz	1.09	27.32

### Mechanical Specifications

Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17

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Mechanical Shock Test Method

IEC 60068-2-27

# Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature	20 °C   68 °F
Average Power, Ambient Temperature	40 °C   104 °F
Average Power, Inner Conductor Temperature	100 °C   212 °F
Corrosion Test Method	IEC 60068-2-11
Moisture Resistance Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

#### Packaging and Weights

Weight, net

1 g | 0.002 lb

### Regulatory Compliance/Certifications

Classification

#### Agency

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system



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