



COAXIAL

Adapter

185MR-KF+

50Ω DC to 40 GHz Right-Angle 1.85 mm-Male to 2.92 mm-Female

KEY FEATURES

- Ultra-Wideband, DC to 40 GHz
- Low Insertion Loss, 0.15 dB Typ.
- Excellent VSWR, 1.15:1 Typ.
- Right-Angle Body

*Generic photo used for illustration purposes only***PRODUCT OVERVIEW**

Mini-Circuits' 185MR-KF+ is a coaxial 1.85 mm-Male Right-Angle to 2.92 mm-Female adapter supporting a wide range of applications from DC to 40 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The 185MR-KF+ features passivated stainless-steel construction and measures only 0.712" in length. These adapters are used to enable connections between connector types that would otherwise not mate.

ELECTRICAL SPECIFICATIONS¹ AT +25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range	-	DC	-	40	GHz
Insertion Loss	DC-40	-	0.15	0.55	dB
VSWR	DC-40	-	1.15	1.43	:1

1. Specifications are tested to minimum frequency of 0.01 GHz.

ABSOLUTE MAXIMUM RATINGS²

Operating Case Temperature	-45°C to +125°C
Storage Temperature	-45°C to +125°C

2. Permanent damage may occur if any of these limits are exceeded.





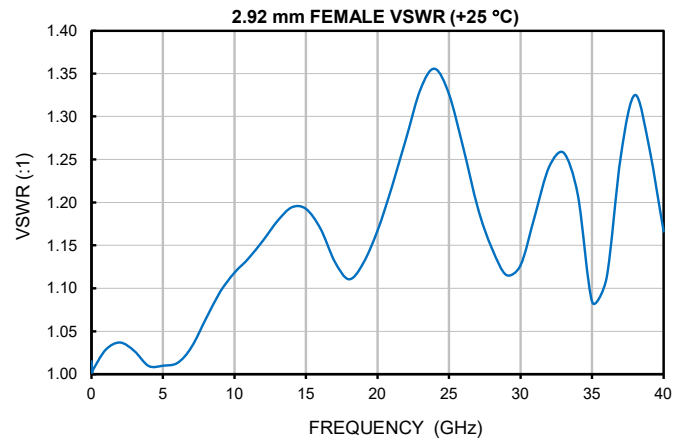
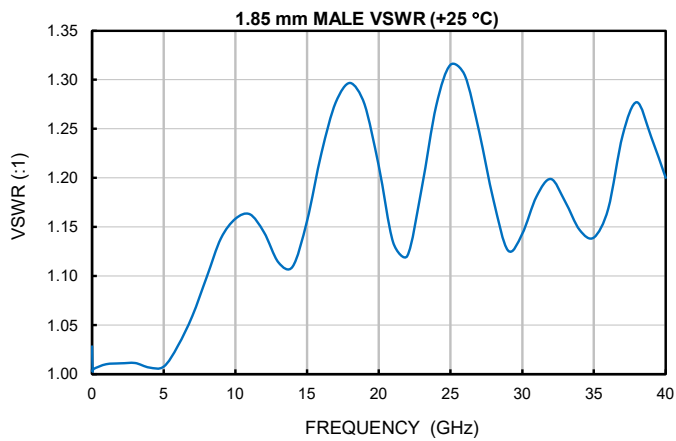
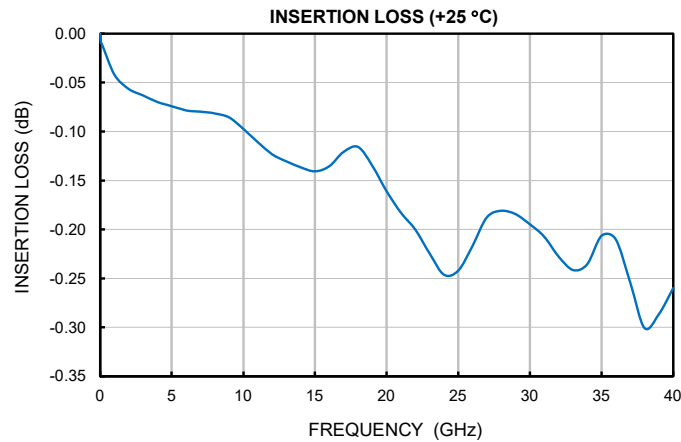
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TYPICAL PERFORMANCE GRAPHS





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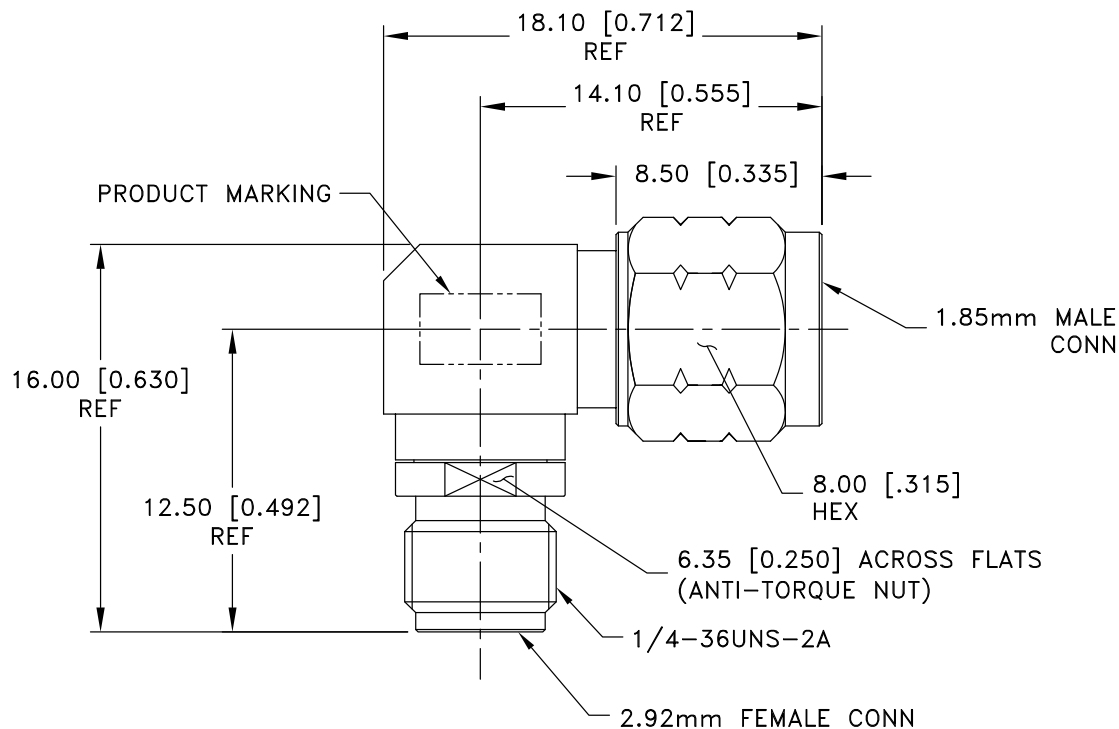
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CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	1.85 mm-Male	2.92 mm-Female
Orientation	Right-Angle	Straight

CASE STYLE DRAWING



Weight: 7.6 grams

Dimensions are in mm [inches]. Tolerances: 2 Pl.±0.20 mm

PRODUCT MARKING*: 185MR-KF+

* Marking may contain other features or characters for internal lot control.





ADDITIONAL DETAILED INFORMATION IS AVAILABLE ON OUR DASHBOARD

[CLICK HERE](#)

Performance Data & Graphs	Data
	Graphs
	S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3734-2
RoHS Status	Compliant
Environmental Ratings	ENV152

NOTES

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the standard terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/terms/viewterm.html