



RF Adapters Technical Data Sheet

ET1285

Configuration

- UHF Male Connector 1
- UHF Male Connector 2

- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 300 MHz
- Nickel Plated Brass Contact

Applications

General Purpose Test

Description

Ebeestock's ET12850 UHF male to UHF male adapter is part of our full line of RF components available for same-day shipping. Our UHF to UHF adapter has a male to male gender configuration. ET12850 UHF male to UHF male adapter operates to 300 MHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

ectrical Specifications					
Frequency Range	DC		300	MHz	
VSWR		1.2:1	1.3:1		
Operating Voltage (AC)			500	Vrms	
Dielectric Withstanding Voltage (AC)			1,500	Vrms	
Inner Conductor DC Resistance			3	mOhms	
Outer Conductor DC Resistance			2	mOhms	
Insulation Resistance	5,000			MOhms	

Mechanical Specifications

Size
Length
Width
Height
Weight

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: UHF Male to UHF Male Adapter ET12850

1.22 in [30.99 mm]

0.71 in [18.03 mm]

0.71 in [18.03 mm]

0.055 lbs [24.95 g]

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Description	Connector 1	Connector 2	
Type	UHF Male	UHF Male	
Polarity	Standard	Standard	
Mating Cycles	500	500	

Material Specifications

Conne	ctor 1	Conne	ector 2
Material	Plating	Material	Plating
UHF Male		UHF Male	
Brass	Nickel	Brass	Nickel
POM		POM	
Brass	Nickel	Brass	Nickel
Brass	Nickel	Brass	Nickel
	Material UHF Male Brass POM Brass	UHF Male Brass Nickel POM Brass Nickel	MaterialPlatingMaterialUHF MaleUHF MaleBrassNickelBrassPOMPOMBrassNickelBrass

Environmental Specifications

Temperature

Operating Range -40 to +60 deg C

Vibration MIL-STD-202. Method 204, Condition D Salt Spray MIL-STD-202. Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: UHF Male to UHF Male Adapter ET12850

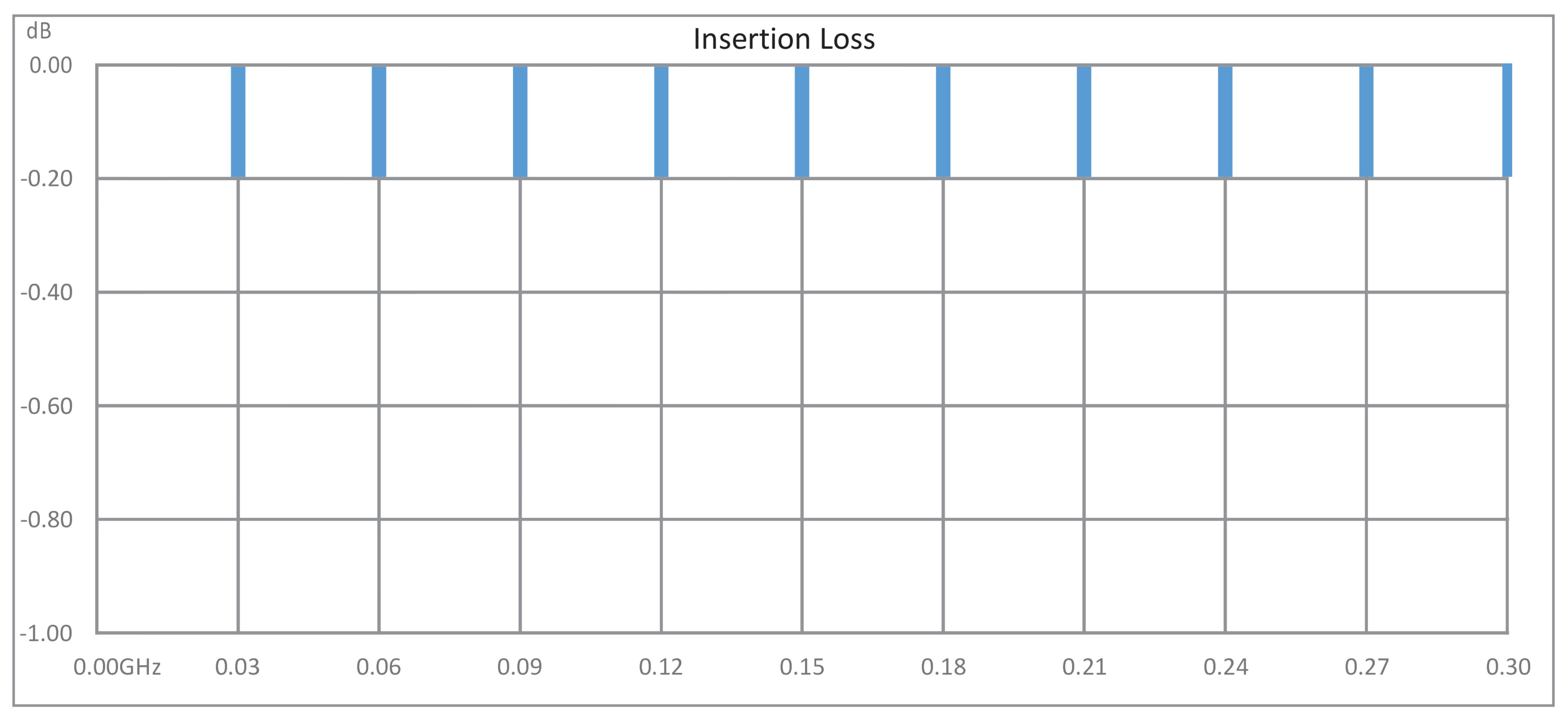




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Typical Performance Data





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UHF Male to UHF Male Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: UHF Male to UHF Male Adapter ET12850

URL: https://www.ebeestock.com/uhf-male-to-uhf-male-adapter-0012850

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

ET12850 CAD Drawing UHF Male to UHF Male Adapter

