



COAXIAL

# Adapter

## 10F-10F+

50Ω DC to 110 GHz 1.0 mm-Female to 1.0 mm-Female

### KEY FEATURES

- Ultra-wideband, DC to 110 GHz
- Low Insertion Loss, 0.27 dB Typ.
- Straight Body
- Excellent VSWR, 1.07:1 Typ.



Generic photo used for illustration purposes only

### PRODUCT OVERVIEW

Mini-Circuits' 10F-10F+ is a coaxial 1.0mm Female to 1.0mm Female adapter supporting a wide range of applications from DC to 110 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The 10F-10F+ features passivated stainless-steel construction and measures only 0.5" in length.

### ELECTRICAL SPECIFICATIONS AT +25°C

Parameter	Condition (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		110	GHz
Insertion Loss	0.01-30	—	0.12	0.68	dB
	30-60	—	0.22	0.68	
	60-90	—	0.32	0.68	
	90-110	—	0.41	0.68	
VSWR	0.01-30	—	1.03	1.25	:1
	30-60	—	1.05	1.25	
	60-90	—	1.07	1.25	
	90-110	—	1.12	1.25	

Absolute Maximum Ratings are on page 3.



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## TYPICAL PERFORMANCE GRAPHS

