

FAB1B1

TRB to TRB

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~3GHz
	DC~0.5GHz (Outline F)
VSWR:	1.2 max. (Outline A, C)
Dielectric Withstanding Voltage:	1000V RMS, 50Hz, at sea level, min.
	5000V RMS, 50Hz, at sea level, min. (Outline B, F)
Working Voltage:	1000V RMS, 50Hz, at sea level, max. (Outline A, B, C, D, E)
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max.
Impedance of Contact (Inner):	1mΩ max. (Excluding B, F)
Impedance of Contact (Outer):	1.5mΩ max.
	1mΩ max. (Outline F)
	0.2mΩ max. (Outline B)
Impedance:	50Ω

Mechanical

RF Connectors:	TRB
Mating Life Cycle:	500 cycles min.
ROHS Compliant:	Full ROHS compliance
Outer Conductor:	Ternary alloy plated brass (Outline A, C)
	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Gold plated phosphor copper

How To Order

FAB1B1-MM - TRB (m) to TRB (m), Outline A

FAB1B1-FF - TRB (f) to TRB (f), Outline B

FAB1B1H-FF - TRB (f) to TRB (f) bulk head, Outline C

FAB1B1B1-FMF - TRB (f) to TRB (m) to TRB (f), Outline D

FAB1B1B1-FFF - TRB (f) to TRB (f) to TRB (f), Outline E

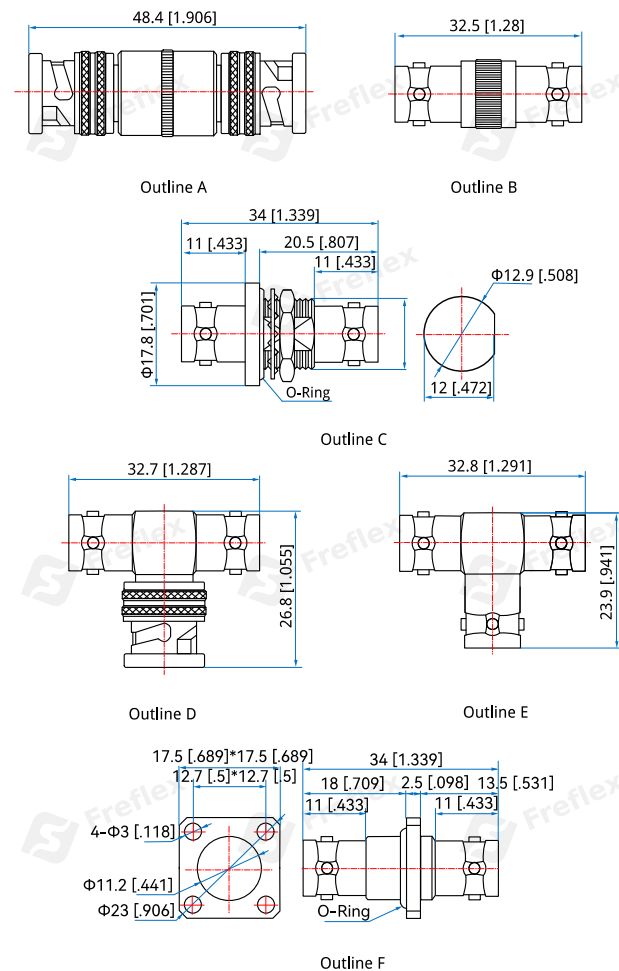
FAB1B1L-FF - TRB (f) to TRB (f) flange mount, Outline F

Customization is available upon request.

Environmental

Temperature:	-50~+125°C
	-45~+125°C (Outline F)

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]