

Bi-Directional Coupler

ZFBDC-ED16347/2

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability.
At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE: JD1252

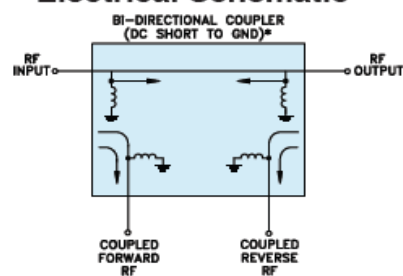
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.15		20	MHz
Coupling	Nominal		15.2±0.5		dB
	Flatness		±0.3		dB
Mainline Loss *	0.15-11 MHz		0.18		dB
	11-20 MHz		0.30		dB
Directivity	0.15-11 MHz		25		dB
	11-20 MHz		18		dB
VSWR	0.15-20 MHz		1.25		(:1)
RF Power Input	0.15-0.25 MHz			32	W
	0.25-20 MHz			50	W

Note: * Mainline loss includes theoretical coupled power loss of 0.13 dB at 15.2 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED (FORWARD)	4
COUPLED (REVERSE)	3

Electrical Schematic



* ELECTRICAL SCHEMATIC IS FOR BI-DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.