

Bi-Directional Coupler**ZFBDC-ED16354/1****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.



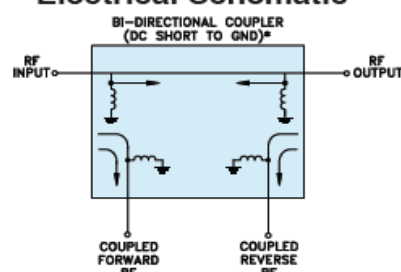
CASE STYLE: JD1252

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.1		50	MHz
Coupling	Nominal		20±0.5		dB
	Flatness		±0.3		dB
Mainline Loss *	0.1-30 MHz		0.1		dB
	30-50 MHz		0.2		dB
Directivity	0.1-30 MHz		25		dB
	30-50 MHz		17		dB
VSWR	30-50 MHz		1.25		(:1)
RF Power Input	0.1-0.25 MHz			32	W
	0.25-50 MHz			50	W

Note: * Mainline loss includes theoretical coupled power loss of 0.04 dB at 20 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.