Engineering Development Model

Bi-Directional Coupler ZFBDC-ED16353/1

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		0.5		60	MHz
Coupling	**Nominal**		13.2 ± 0.5		dB
	Flatness		±0.3		dB
Mainline Loss *	**0.5-30 MHz**		0.3		dB
	30-60 MHz		0.5		dB
Directivity	**0.5-30 MHz**		23		dB
	30-60 MHz		16		dB
VSWR	**0.5-30 MHz**		1.3		(:1)
RF Power Input	**0.5-2 MHz**			25	W
	2-60 MHz			40	W

Note: * Mainline loss includes theoretical coupled power loss of 0.21 dB at 13.2 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