

Directional Coupler

ZBDC-ED11754/1

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 : F1104

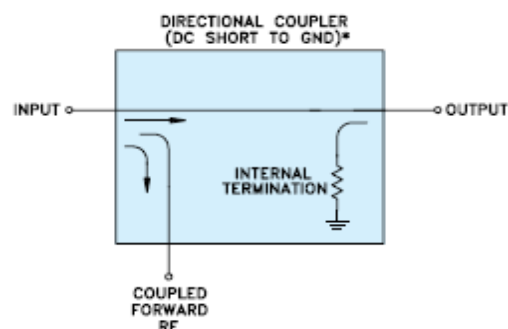
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		720		1400 MHz
Coupling	Nominal		40.5 ± 1	dB
	Flatness		± 0.92	dB
Mainline Loss *	720-1400 MHz		0.15	dB
Directivity	720-1400 MHz		27	dB
VSWR	720-1400 MHz		1.1	(:1)
RF Power Input	720-1400 MHz			50 W

Note: * Mainline loss includes theoretical coupled power loss of 0.000387 dB at 40.5 dB coupling.

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

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED FORWARD	S

Electrical Schematic



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