

Directional Coupler

JYDC-ED11474/1

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 : BJ1051

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		30		450 MHz
Coupling	Nominal		7.0 ± 0.5	dB
	Flatness		± 0.5	dB
Mainline Loss **	30-300 MHz		1.32	dB
	225-450 MHz		1.42	dB
Directivity	30-300 MHz		32	dB
	225-450 MHz		27	dB
VSWR	30-450 MHz		1.3	(:1)
RF Power Input	30-450 MHz			5 W

Note: **Mainline loss includes theoretical coupled power loss of 0.967 dB at 7 dB coupling.

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

PIN CONNECTIONS	
INPUT	1
OUTPUT	8
COUPLED FORWARD	3
50Ω TERM. EXTERNAL	6
GROUND	2, 7
NOT USED (ISOLATE)	4, 5

Electrical Schematic

