

Directional Coupler

ZADC-ED16176/1

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.

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CASE STYLE : CC51-1

ELECTRICAL SPECIFICATIONS 75/50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		100	MHz
Coupling	Nominal		20.3 +/-0.5		dB
	Flatness		+/-0.3		dB
Mainline Loss *	5 MHz		0.1		dB
	100 MHz		0.2		dB
Directivity	5 MHz		16		dB
	100 MHz		12		dB
VSWR	5-100 MHZ		1.2		(:1)
RF Power Input	5-100 MHZ			2	W

Note: * Mainline loss includes theoretical coupled power loss of 0.039dB at 20.5dB coupling.

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

COAXIAL CONNECTIONS	
INPUT (75 Ω, N female)	1
OUTPUT (75 Ω, N female)	3
COUPLED (50 Ω, SMA female)	2

Electrical Schematic

