

Engineering Development Model

High Power Coupler

ZARC-ED14166/1

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 : AW1564

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		100		550	MHz
Coupling	Nominal		25.5		dB
	Flatness		±1.5		dB
Mainline Loss*	10-550 MHz		0.13		dB
VSWR	10-550 MHz		1.20		(:1)
RF Power Input	10-550 MHz			100	W

Note: * Mainline loss includes theoretical coupled power loss of .012 dB at 25.5 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	3

Electrical Schematic

