

## Non-Catalog Model

# Directional Coupler

# ZFDC-3375

### Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.



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**CASE STYLE : K18**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.2		200	MHz
Coupling	Nominal		30.5 ± 0.5		dB
	Flatness		± 0.6		dB
Mainline Loss *	0.2-2 MHz		0.50	0.80	dB
	2-100 MHz		0.60	0.90	dB
	100-200 MHz		0.70	1.00	dB
Directivity	0.2-2 MHz	25	30		dB
	2-100 MHz	20	25		dB
	100-200 MHz	15	19		dB
VSWR			1.6		(:1)
Power Input	0.2-2 MHz		0.5		W
	2-200 MHz		2.0		W

**Notes:** \* Mainline loss includes theoretical coupled power loss of 0.004 dB at 30.5 dB coupling.  
Denotes 75 ohm model, for coax connector models 75 ohm BNC connectors are standard.

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

PIN CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED FORWARD	3

### Functional Diagram

