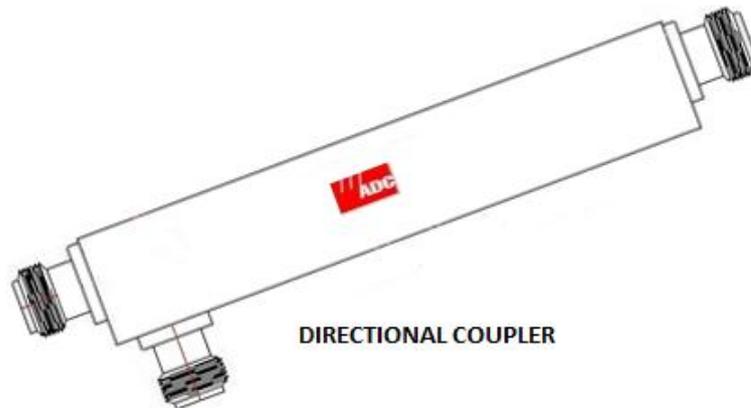


DIRECTIONAL COUPLERS

Broadband, Low loss, Low PIM, High directivity

ADC Krone offers low loss, broadband, high directivity directional couplers with coupling values 6dB, 7dB, 10dB, 15dB, 20dB & 30dB covering CDMA, GSM900, GSM1800 and 3G/UMTS communication frequency bands.



Features:

- Low loss and Broadband coverage
- Low VSWR
- Low PIM and robust design
- High directivity.
- Average Power rating of 100Watts.
- Indoor applications.

Applications:

- Signal sampling & signal generation.
- Monitoring of power levels.
- Automatic level controls.
- VSWR monitoring.

SPEC SHEET



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Specifications

Coupling (dB)	6±0.7	7±0.6	10±0.6	15±1.0	20±1.0	30±1.0
Frequency (MHz)	800 – 2500					
Insertion Loss (dB)	1.6	1.2	0.75	0.35	0.25	0.2
VSWR	≤1.25 :1					
Directivity (dB)	>20					
Power Handling (W)	100					
PIM (3rd Order 2x43dBm)	-150dBc					
Impedance (Ohms)	50					
Connectors	N-Female					
Temperature range (°C)	-20° to +70°					
IP rating	IP65					

SPEC SHEET

Ordering Information

Description	Product No.
6dB Directional Coupler (800–2500 MHz)	ADC-DC-825N6
7dB Directional Coupler (800–2500 MHz)	ADC-DC-825N7
10dB Directional Coupler (800–2500 MHz)	ADC-DC-825N10
15dB Directional Coupler (800–2500 MHz)	ADC-DC-825N15
20dB Directional Coupler (800–2500 MHz)	ADC-DC-825N20
30dB Directional Coupler (800–2500 MHz)	ADC-DC-825N30



KRONE



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