

# Trueconnect™ 6DB DIRECTIONAL COUPLER

MODEL - 6DC/N



Low PIM Air Directional Coupler  
[380-2700 MHz]

## DESCRIPTION:

Typically used in In-building DAS systems to provide coverage solutions for UHF, 700PS, 700 LTE, 800PS, 850 CELL, PCS, AWS, WCS, 2.5 bands.

- Low PIM
- Low Insertion Loss
- High Power

## Specifications

Frequency Range (MHz)	380-2700
Connector	N Female
PIM, 3rd Order (dBc)	≤-160
Coupling (dB)	6
Coupling Tolerance (dB)	±1.2
Impedance ( $\Omega$ )	50
Insertion Loss (dB)	≤3.6
Directivity (dB)	≥20
Isolation (dB)	≥23
VSWR	≤1.2:1
Max Power Input (W)	200
Peak Power (kW)	1.5
Dimensions - in. (mm)	8.80 X 2.56 X 1.30 (223.5 X 65 X 33)
Operating Temperature - °F (°C)	-31 to +185 (-35 to +85)
Weight - lbs (kg)	1.15

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