

# Trueconnect™ 3DB DIRECTIONAL COUPLER



MODEL - 3DC/43



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	4.3-10 Female
PIM, 3rd Order (dBc)	≤-162
Coupling (dB)	3
Coupling Tolerance (dB)	±1.2
Impedance (Ω)	50
Insertion Loss (dB)	≤3.6
Directivity (dB)	≥20
Isolation (dB)	≥23
VSWR	≤1.2:1
Max Power Input (W)	300
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