

# Trueconnect™ 10DB DIRECTIONAL COUPLER



MODEL - 10DCWB/43



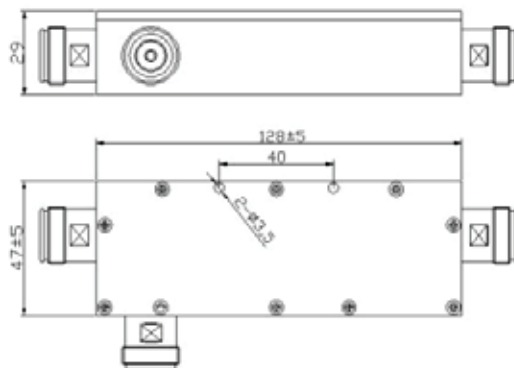
Low PIM Wide Band Air Directional Coupler  
[600-6000 MHz]

**DESCRIPTION:**

Typically used in In-building DAS systems to provide coverage solutions for 600 Band, 700PS, 700 LTE, 800PS, 850 CELL, PCS, AWS, WCS, 2.5 band, 5 & 6GHz.

- Low PIM
- Low Insertion Loss
- High Power

Specifications			
Frequency Range (MHz)	600-6000		
Connector	4.3/10 Female		
Coupling (dB)	10		
Coupling Tolerance (dB)	±1.2		
PIM, 3 <sup>rd</sup> order @ 2 X 43 dBm(dBc)	≤-161 (698-2700)		
Impedance	50Ω		
Insertion Loss (dB)	≤3.6		
Isolation (dB)	600-698	698-2700	2700-6000
	≤26	≤24	≤18
VSWR/Return Loss	≤1.4 (600-698) ≤1.3 (698-2700) ≤1.5 (2700-6000)		
Max Power Input (W)	200		
Peak Power (kW)	1.5		
Dimensions in. (mm)	5.04 X 1.85 X 1.14 (128 X 47 X 29)		
Operating Temperature °F (°C)	-22 to 150 (-30 to 65)		
Weight (lbs)	1.15		



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