

6dB Low PIM Directional Coupler 698-2700MHz; N-Female Connectors

Newbridge Wireless Directional Couplers

High quality directional couplers with N-Female connectors are capable of handling 150 watts of power. These directional couplers are ideal for in-building applications that require splitting of RF signal to multiple antennas.

Key Features:

- ❖ **Low PIM (< -155dBc; @ 2x +43dBm)**
- ❖ Broad Frequency Range 698-2700 MHz
- ❖ Low Insertion Loss
- ❖ High Isolation
- ❖ Low VSWR
- ❖ Operating Temperature -20 ~ +70 C
- ❖ Advanced Manufacture and Surface Plating



Specifications:

Product No	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	PIM (dBc)	Average Power (W)	VSWR	Dimensions (Inches)
NBW-DC6NFi	6 ± 0.4	≤0.25	≥20	< -155	150	≤1.25:1	6.3 x 2.3 x 0.6
NBW-DC10NFi	10 ± 0.6	≤0.20	≥20	< -155	150	≤1.25:1	6.3 x 2.3 x 0.6
NBW-DC15NFi	15 ± 0.6	≤0.20	≥20	< -155	150	≤1.25:1	6.3 x 2.3 x 0.6

--- PIM TEST RESULT ---

F1: 731.5MHz, +43dBm; F2: 757.0MHz, +43dBm; IM3 Peak -158.6dBc

