

# Components

## Low PIM Couplers

### Low PIM Directional Couplers

N, and 7-16 DIN Connectors

- 3rd Intermodulation:  $\leq -155$ dBc
- 3rd Intermodulation test: Two +43dBm Tones
- 50 Ohm impedance
- Low VSWR
- Multiple configurations
- IP67 Rating
- RoHS compliant



Part Number	dB	Connector	Frequency
RFDC-4.8DBA-43F	4.8 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-4.8DBA-DF	4.8 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-4.8DBA-NF	4.8 dB Directional Coupler	N Female	380-2700 MHz
RFDC-4.8DBC-43F	4.8 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-4.8DBC-DF	4.8 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-4.8DBC-NF	4.8 dB Directional Coupler	N Female	698-2700 MHz
RFDC-6DBA-43F	6 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-6DBA-DF	6 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-6DBA-NF	6 dB Directional Coupler	N Female	380-2700 MHz
RFDC-6DBC-43F	6 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-6DBC-DF	6 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-6DBC-NF	6 dB Directional Coupler	N Female	698-2700 MHz
RFDC-7DBC-43F	7 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-7DBC-NF	7 dB Directional Coupler	N Female	698-2700 MHz
RFDC-8DBA-43F	8 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-8DBA-DF	8 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-8DBA-NF	8 dB Directional Coupler	N Female	380-2700 MHz
RFDC-8DBC-43F	8 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-8DBC-DF	8 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-8DBC-NF	8 dB Directional Coupler	N Female	698-2700 MHz
RFDC-10DBA-43F	10 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-10DBA-DF	10 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-10DBA-NF	10 dB Directional Coupler	N Female	380-2700 MHz
RFDC-10DBC-43F	10 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-10DBC-DF	10 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-10DBC-NF	10 dB Directional Coupler	N Female	698-2700 MHz
RFDC-13DBA-43F	13 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-13DBA-DF	13 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-13DBA-NF	13 dB Directional Coupler	N Female	380-2700 MHz
RFDC-13DBC-43F	13 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-13DBC-DF	13 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-13DBC-NF	13 dB Directional Coupler	N Female	698-2700 MHz
RFDC-15DBA-43F	15 dB Directional Coupler	4,3-10 Female	380-2700 MHz
RFDC-15DBA-DF	15 dB Directional Coupler	7-16 DIN Female	380-2700 MHz
RFDC-15DBA-NF	15 dB Directional Coupler	N Female	380-2700 MHz
RFDC-15DBC-43F	15 dB Directional Coupler	4,3-10 Female	698-2700 MHz
RFDC-15DBC-DF	15 dB Directional Coupler	7-16 DIN Female	698-2700 MHz
RFDC-15DBC-NF	15 dB Directional Coupler	N Female	698-2700 MHz

### Low PIM Hybrid Couplers

N Connector

- Low PIM  $\leq 150$ dBc
- 50 Ohm impedance
- Low VSWR  $\leq 1.20:1$  up to 3 GHz
- Multiple configurations
- IP65 rating
- RoHS compliant



N Female

Part Number	dB	Connector	Frequency
RFHC-3-NF	3 dB Hybrid Coupler	N Female	698-2700 MHz
RFHC-3DBA-DF	3 dB Hybrid Coupler	7-16 DIN Female	380-2700 MHz
RFHC-3DBA-NF	3 dB Hybrid Coupler	N Female	380-2700 MHz

\*Specifications subject to change without notice.