

**DUAL BAND COUPLER**  
**698 - 960 MHz / 1710 - 2690 MHz**

**Product Features**

- Dual band, full band
- DC pass and DC block available
- Single or multiple units configurations
- Outdoor
- High power
- Low losses, high rejection
- Low IMD



Dual Band Coupler



Specification	Value
Type	Diplexer
Low pass frequency	698 – 960 MHz
High pass frequency	1710 – 2690 MHz
Low pass insertion loss	0.25dB max
High pass insertion loss	0.25dB max
Return loss, low pass port	20dB min
Return loss, high pass port	20dB min
Low pass to high pass rejection	50dB min
High pass to low pass rejection	50dB min
Power	400 W CW
RF Connectors	DIN 7/16(f)
Grounding	Yes
IMD	-153dBc (2 x 43dBm)
Environmental	IP68
Temperature range	-31° to 149° F • -35° to +65° C
Weight	3.5 lbs • 1.6 kg
Dimension	6.7 x 3.9 x 2.8 inches • 170 x 100 x 70 mm (without brackets and connectors)
Mounting brackets	Included, for 2 to 4 in OD

DC pass	DBC085-190F83-11	DBC085-190F83-01	DBC085-190F83-10	DBC085-190F83-00
Ant to High pass	Yes	Yes	No	No
Ant to Low pass	Yes	No	Yes	No

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