

DUAL BAND COUPLER AWS / PCS

DBC170 Series

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
Pass frequencies	AWS - PCS
AWS insertion loss	0.3dB max
PCS insertion loss	0.3dB max
VSWR, low pass port	<1.25:1
VSWR, high pass port	<1.25:1
AWS - PCS isolation	70dB min
Group Delay	10nS max in any 4 MHz BW
Power	200W AVG, 2KW peak
RF Connectors	DIN 7/16(f)
Grounding	Yes
IMD	-153dBc (2 x 43dBm)
Environmental	IP67
Temperature range	-40° to +185° F • -40° to +85° C
Weight	10 lbs • 4.5 kg
Dimension	8.3 x 7.3 x 1.3 inches • 228 x 191 x 50 mm (without brackets and connectors)
Mounting brackets	Included, for 2 to 4 in OD

DC pass	DBC170-190F83-11	DBC170-190F83-01	DBC170-190F83-10	DBC170-190F83-00
Ant to High pass	Yes	Yes	No	No
Ant to Low pass	Yes	No	Yes	No

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