

DUAL BAND COUPLER LTE 700 / CELL 850

DBC075 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 | LTE 700 + CELL 850 |
| LTE 700 insertion loss | 0.5dB max |
| CELL 850 insertion loss | 0.5dB max |
| Return loss, low pass port | 20dB min |
| Return loss, high pass port | 20dB min |
| LTE 700 - CELL 850 isolation | 50dB min |
| Power | 200 W in Lowpass, 200 W in Highpass |
| 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 | 8.8 lbs • 4 kg |
| Mounting brackets | Included, for 2 to 4 in OD |

| DC pass | DBC075-085F83-11 | DBC075-085F83-01 | DBC075-085F83-10 | DBC075-085F83-00 |
|------------------|------------------|------------------|------------------|------------------|
| Ant to High pass | Yes | Yes | No | No |
| Ant to Low pass | Yes | No | Yes | No |

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