

# 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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