

Directional Coupler  
DC-30-8F-DF

30 dB directional coupler with 7/16 DIN Connectors

Mechanical Specifications

|                |                     |
|----------------|---------------------|
| Connector Type | 3 x 7/16 DIN Female |
|----------------|---------------------|

Electrical Specifications

|                  |                     |
|------------------|---------------------|
| Frequency        | 698 - 2700 MHz      |
| Return Loss/VSWR | ≤ -19 dB   1.25     |
| Coupling         | 30 dB ± 1.5 dB      |
| Insertion Loss   | ≤ 0.2 dB            |
| Directivity      | 20 dB               |
| Intermodulation  | -150 dBc @ 2 x 20 W |
| Impedance        | 50 Ω                |
| Power Handling   | 200 W               |

Environmental Specifications

|                             |                |
|-----------------------------|----------------|
| Operating Temperature Range | -35°C to +75°C |
| Storage Temperature Range   | -40°C to +85°C |
| Relative Humidity           | 0 - 95%        |
| Application                 | Indoor         |

Packaging

|                  |      |
|------------------|------|
| Package Quantity | 1 pc |
|------------------|------|