

Directional Coupler
DC-8-8F-DF

8 dB directional coupler with 7/16 DIN Connectors

Mechanical Specifications

Connector Type	3 x 7/16 DIN Female
Length	162.2 mm 6.4 in
Width	82.6 mm 3.3 in
Thickness	36.0 mm 1.4 in
Weight	0.6 kg 1.3 lbs

Electrical Specifications

Frequency	698 - 2700 MHz
Return Loss/VSWR	≤ -19dB 1.25
Coupling Loss	8 ± 1.0 dB
Insertion Loss	1.1 dB ± 0.3 dB
Directivity	20 dB
Intermodulation (3 rd Order)	≤ -150dBc @ 2 x 20 W
Impedance	50 Ω
Maximum Power	200 Watts

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
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