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Data *sheet*

Directional Coupler

Product Benefits

- Suitable for multi-band range
- Various coupling values
- Low loss high directivity
- Low VSWR
- Low cost high performance



Microstrip

	DTCM0825-5	DTCM0825-6	DTCM0825-7	DTCM0825-10	DTCM0825-15	DTCM0825-20
Frequency (MHz)	800-2500					
Coupling (dB)	5±0.6	6±0.6	7±0.6	10±1	15±1	20±1
Insertion loss (dB)	≤2.00	≤1.6	≤1.4	≤0.8	≤0.5	≤0.3
Directivity (dB) min	20					
VSWR max.	1.25					
Power Rating (W)	50					
Connector	N-50KFD					
Dimension (mm)	84 x 26 x 16					
Operating Temp.	-40°C ~+60°C					

Cavity

	DTCC0825-5	DTCC0825-7	DTCC0825-10	DTCC0825-15	DTCC0825-20	DTCC0825-25
Frequency (MHz)	800-2500					
Coupling (dB)	5±0.5	7±0.5	-10±1	-15±1	-20±1	-25±1
Insertion loss (dB)	≤2.00	≤1.4	≤0.7	≤0.4	≤0.3	≤0.3
Directivity (dB) min	20					
VSWR max.	1.2					
Power Rating (W)	200					
Connector	N-50KFD					
Dimension (mm)	120 x 40 x 16.5					
Operating Temp.	-40°C ~+60°C					

