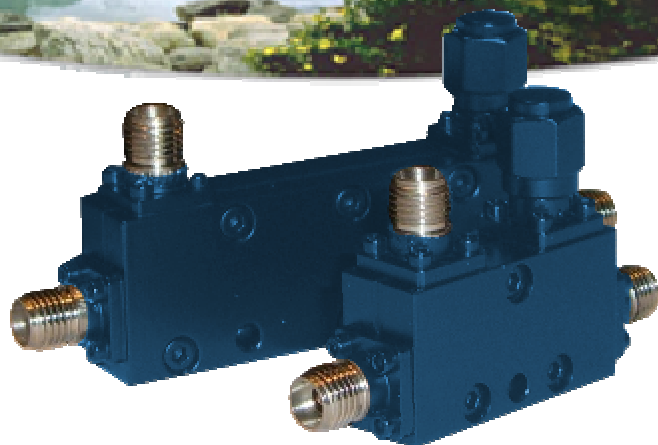


WIDEBAND DIRECTIONAL COUPLERS

50 GHz RANGE



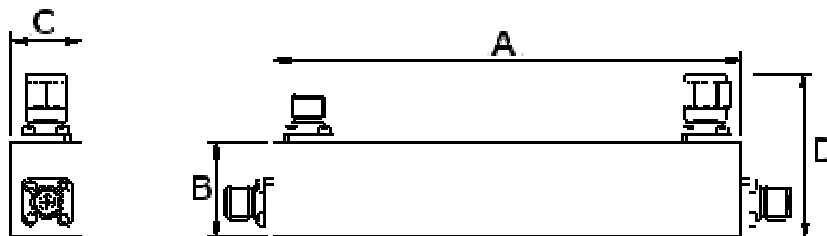
Features :

- Low loss
- High directivity
- Other coupling available
- 20 Watt CW power
- 2.4 mm M/F connectors
- Removable load

Technical Specifications *(intermediate frequencies performances on individual datasheets)*

Model	CD26.5-50-10-20 CD26.5-50-20-20	CD18-50-10-20 CD18-50-20-20	CD10-50-10-20 CD10-50-20-20	CD2-50-10-20
Frequency (GHz)	26.5—50	18—50	10—50	2—50
Coupling (dB) Referenced to output	10 ± 0.7 20 ± 1	10 ± 0.7 20 ± 1	10 ± 0.7 20 ± 1	10 ± 1
IL (dB) Includes coupling power	1.9 1.5	1.9 1.5	1.9 1.5	2.2
Sensitivity (dB)	± 0.5 ± 0.5	± 0.5 ± 0.5	± 0.6 ± 0.6	± 0.6 @ 26.5 GHz ± 1 @ 50 GHz
VSWR main	1.8 1.8	1.8 1.8	1.8 1.8	1.4 @ 26.5 GHz 1.8 @ 50 GHz
VSWR coupled	1.9 1.9	1.9 1.9	1.9 1.9	1.5 @ 26.5 GHz 1.9 @ 50 GHz
Directivity (dB)	10 10	9 (Typ 10) 9 (Typ 10)	8 (Typ 10) 8 (Typ 10)	12 @ 26.5 GHz 8 (Typ 10) @ 50 GHz
Outline	1	1	1	2

General Outline drawings



Type	A	B	C	D
1	29 (1.14)	16 (0.63)	10 (0.39)	31 (1.22)
2	59.5 (2.34)	17.9 (0.70)	13.5 (0.53)	33 (1.3)

Units : mm (in.)

Complete drawing including all dimensions and fixation points available on individual datasheet