

Atlantic Microwave

Directional Couplers Wide Band

• 375MHz – 18GHz



Operating frequency range



50 Ohms



Small



Chromate Aluminium



General Specifications	
Impedance	50 ohms
Operating Temperature Range	-55 to +85C
Connectors	SMA Female Stainless Steel
Body Finish	Chromate Aluminium

Model No	Frequency Range (GHz)	Coupling (dB) Nom.	Coupling Accuracy (dB) max.	Coupling Sensitivity with Frequency (dB) max.	Insertion Loss (dB) max.	Directivity (dB) min.	VSWR max.	Power (Watts) CW	Size (L x W x H) mm
CDC-003060-10	0.375 – 6.0	10	+/-1.0	+/-1.0	1.0	15	1.2	50	112 x 12.7 x 17
CDC-003060-20	0.375 – 6.0	20	+/-1.0	+/-1.0	1.0	15	1.2	50	112 x 12.7 x 17
CDC-003060-30	0.375 – 6.0	30	+/-1.5	+/-1.5	1.0	15	1.2	50	112 x 12.7 x 17
CDC-005180-10	0.5 – 18.0	10	+/-1.0	+/-1.0	1.6	10	1.6	30	113 x 11 x 15
CDC-005180-20	0.5 – 18.0	20	+/-1.0	+/-1.0	1.5	10	1.6	30	113 x 11 x 15
CDC-005180-30	0.5 – 18.0	30	+/-1.0	+/-1.0	1.2	10	1.6	30	113 x 11 x 15
CDC-010180-10	1.0 – 18.0	10	+/-1.0	+/-1.0	1.2	12	1.6	50	73 x 11 x 15
CDC-010180-20	1.0 – 18.0	20	+/-1.0	+/-1.0	1.2	12	1.6	50	73 x 11 x 15
CDC-010180-30	1.0 – 18.0	30	+/-1.0	+/-1.0	1.0	12	1.6	50	73 x 11 x 15
CDC-030180-10	3.0 – 18.0	10	+/-1.0	+/-1.0	0.7	12	1.5	50	38 x 12.7 x 17
CDC-030180-20	3.0 – 18.0	20	+/-1.0	+/-1.0	0.7	12	1.5	50	38 x 12.7 x 17
CDC-030180-30	3.0 – 18.0	30	+/-1.5	+/-1.5	0.7	12	1.5	50	38 x 12.7 x 17

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

