

This model was previously released as ADC-xx-WBM-XP-yy-JJ.

DC-xxMX-yy-JJ

Directional Coupler | 555-2700 MHz

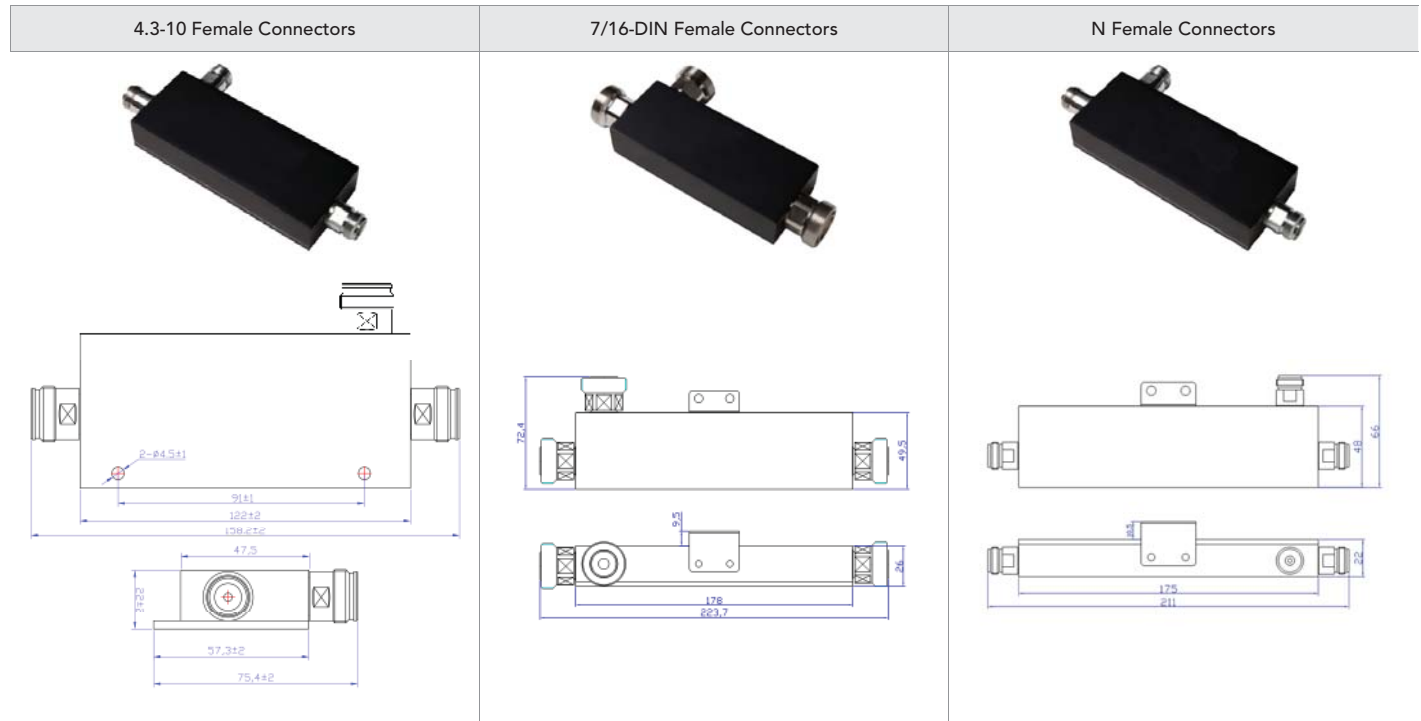
Electrical Characteristics										
Frequency Range		555-2700 MHz								
Coupling (xx)		5 dB	6 dB	7 dB	8 dB	10 dB	13 dB	15 dB	20 dB	30 dB
Coupling Tolerance		±0.8 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.2 dB
Insertion Loss		2.5 dB	1.7 dB	1.4 dB	1.1 dB	0.7 dB	0.5 dB	0.4 dB	0.2 dB	0.2 dB
Isolation		25 dB	26 dB	27 dB	28 dB	30 dB	33 dB	35 dB	40 dB	50 dB
Return Loss		20.8 dB								
Average Power (max)	4.3-10 Connectors	200 W								
	7/16-DIN Connectors	200 W								
	N Connectors	300 W								
Peak Power		1000 W								
PIM3 (2x43 dBm)		-160 dBc								
Impedance		50Ω								
Mechanical Characteristics										
Dimensions	4.3-10 Connectors	158 x 75 x 22 mm (6.2 x 3.0 x 0.9 in)								
	7/16-DIN Connectors	169 x 74.5 x 36 mm (6.7 x 2.9 x 1.4 in)								
	N Connectors	155 x 75 x 22 mm (6.1 x 2.8 x 0.9 in)								
Weight	4.3-10 Connectors	0.38 kg (0.84 lbs)								
	7/16-DIN Connectors	0.9 kg (1.98 lbs)								
	N Connectors	0.38 kg (0.84 lbs)								
Packing Dimensions	4.3-10 Connectors	180 x 90 x 40 mm (7.1 x 3.5 x 1.6 in)								
	7/16-DIN Connectors	170 x 110 x 65 mm (6.7 x 4.3 x 2.6 in)								
	N Connectors	180 x 90 x 40 mm (7.1 x 3.5 x 1.6 in)								
Packing Weight	4.3-10 Connectors	0.43 kg (0.95 lbs)								
	7/16-DIN Connectors	0.98 kg (2.2 lbs)								
	N Connectors	0.42 kg (0.93 lbs)								
Connector (yy)		4.3-10 Female, 7/16-DIN Female, or N Female (See Ordering Options)								
Environmental Characteristics										
Operating Temperature		-35° to +85° C (-31° to 185° F)								
Ingress Protection		IP65								

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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ORDERING OPTIONS	MODEL NUMBER		
Coupling Value (xx)	Connector Type (yy)		
	4.3-10 Female Connectors	7/16-DIN Female Connectors	N Female Connectors
5 dB	DC-05MX-43F-JJ	DC-05MX-DF-JJ	DC-05MX-NF-JJ
6 dB	DC-06MX-43F-JJ	DC-06MX-DF-JJ	DC-06MX-NF-JJ
7 dB	DC-07MX-43F-JJ	DC-07MX-DF-JJ	DC-07MX-NF-JJ
8 dB	DC-08MX-43F-JJ	DC-08MX-DF-JJ	DC-08MX-NF-JJ
10 dB	DC-10MX-43F-JJ	DC-10MX-DF-JJ	DC-10MX-NF-JJ
13 dB	DC-13MX-43F-JJ	DC-13MX-DF-JJ	DC-13MX-NF-JJ
15 dB	DC-15MX-43F-JJ	DC-15MX-DF-JJ	DC-15MX-NF-JJ
20 dB	DC-20MX-43F-JJ	DC-20MX-DF-JJ	DC-20MX-NF-JJ
30 dB	DC-30MX-43F-JJ	DC-30MX-DF-JJ	DC-30MX-NF-JJ



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