

DC-xxMN-NF-CC

Directional Coupler | N Female | Indoor

This model was previously released as ADC-xx-WBM-NP-NF-CC.



Ordering Options

When ordering, replace the "xx" in the model number with the options listed below.

Coupling Value (xx)	03	05	06	07	08	10	15	20	25	30	40
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Electrical Characteristics

Frequency Range	698-2700 MHz										
Coupling	3 dB	5 dB	6 dB	7 dB	8 dB	10 dB	15 dB	20 dB	25 dB	30 dB	40 dB
Insertion Loss	≤ 3.6 dB	≤ 2.0 dB	≤ 1.7 dB	≤ 1.7 dB	≤ 1.1 dB	≤ 0.8 dB	≤ 0.4 dB	≤ 0.3 dB	≤ 0.3 dB	≤ 0.3 dB	≤ 0.2 dB
VSWR	≤ 1.25										
Power Rating	200 W	200 W	200 W	200 W	200W	200 W	200 W	200 W	300 W	300 W	300 W
PIM3 (2x43 dBm)	≤ -150 dBc										
Coupling Tolerance	±0.8 dB	±1.0 dB	±1.0 dB	±1.0 dB	± 1.0 dB	±1.0 dB	±1.0 dB	±1.2 dB	±1.2 dB	±1.5 dB	±1.5 dB
Directivity	---	≥ 20 dB	≥ 20 dB	≥ 20 dB	≥ 20 dB	≥ 20 dB	---	---	≥ 20 dB	≥ 20 dB	≥ 15 dB
Isolation	≥ 23 dB	≥ 25 dB	≥ 26 dB	≥ 27 dB	≥ 28 dB	≥ 30 dB	≥ 35 dB	≥ 40 dB	≥ 45 dB	≥ 50 dB	≥ 55 dB
Impedance	50Ω										

Mechanical Characteristics

Dimensions	Refer to Diagram Shown on Next Page										
Weight	0.35 kg (0.8 lbs)										
Color	Black										
Outer Body Material	Aluminum										
Connector	N-Female										

Environmental Characteristics

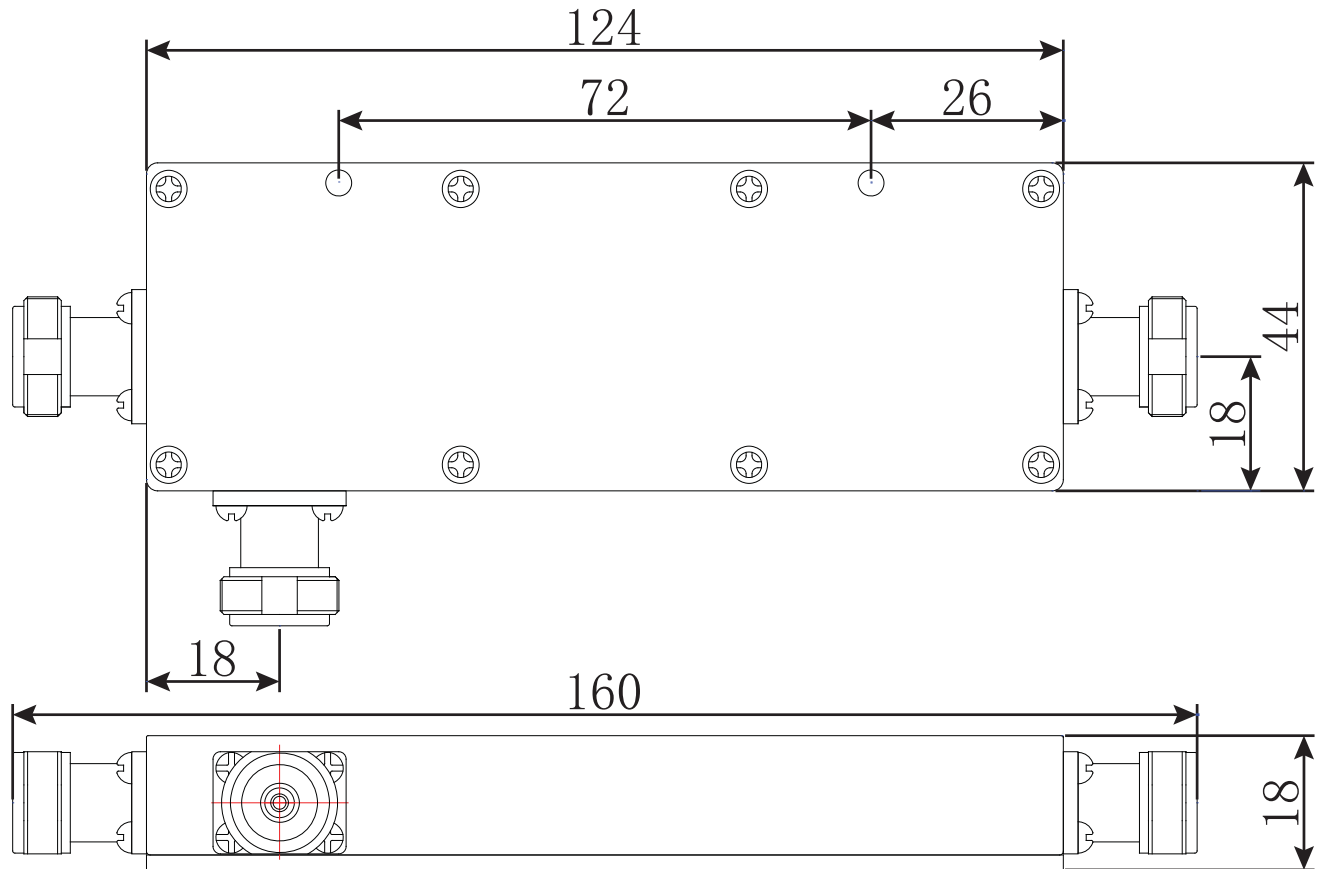
Operating Temperature	-35° to 75° C (-31° to 167° F)										
Application	Indoor										

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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Dimensions



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