

Directional Coupler, 130-520 MHz

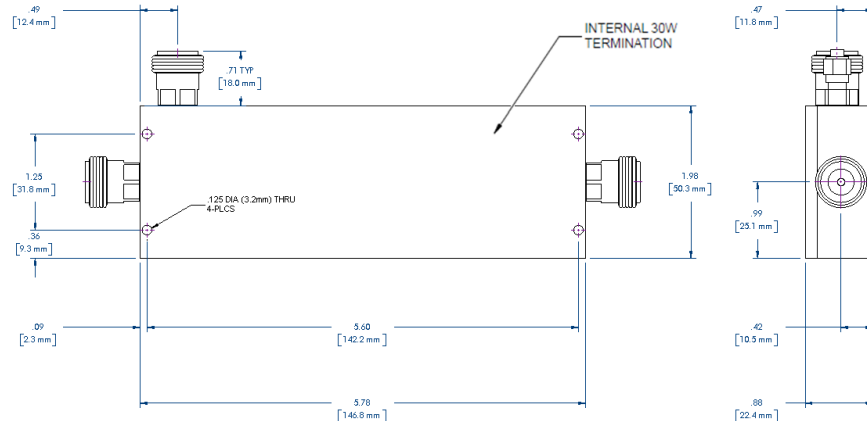
5 thru 30 dB Series, N or SMA Female Connectors, Useable from 88 MHz

WMDC-11352N-XX

XX=Value in dB with leading zero.

11/13/2017

Outline Style: Pending Number



Customizable with N or SMA Female connectors. Specify at time of order.

Specifications	Value								Units
Frequency Range	88 to 130 / 130 to 520								MHz
Coupling Value	3	5	6	7	10	15	20	30	dB nom
Fwd / Rev Power	35	45	60	75	100	150			W max
Main Line Loss	4.0	2.2	1.8	1.7	0.9	0.4	0.3	0.2	dB max
Coupling Tolerance	±1.0					±1.25	±1.50		dB max
Coupling Flatness 88 to 130 MHz	+0 / -3.0					+0 / -4.0			dB max
Coupling Flatness 130 to 520 MHz	±0.7					±1.0			dB typ.
Directionality	20								dB min
VSWR (All ports)	1.20								:1 max

Impedance	50	Ohms nominal
Passive Intermodulation	< -160	dBc typ. Designed to meet
Operating Temperature	-40 to +85 °C (Tested at +25 °C)	
Environment	Indoor use only. Weatherproofing available.	
Housing Material	Aluminum 6061-T6 and/or 5052-H32	
Connectors Material	Brass, Albaloy Plate	
Warranty	One year parts and labor	

NOTES:

- 1.) Rated power for coherent splitting into load VSWR 1.20:1 max.
- 2.) All units serialized with test data provided.
- 3.) Insertion loss **includes** measured loss due to coupling/splitting factor.

Specification(s) are subject to change without notice. This document shall not form part of a contract.



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