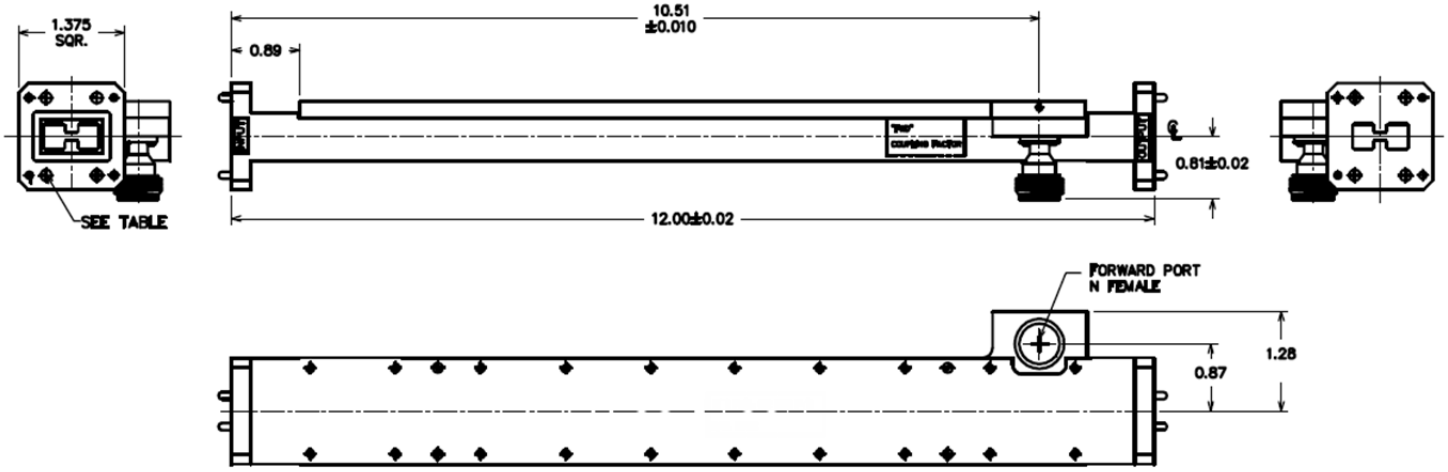
Directional Coupler, 6.5-18.0GHz, 40dB Coupling,

WRD650 Package, N-Female Connector, 1 Kilo Watt



Units: inches
Not to scale

Tolerance Table Metric (inch)
(unless otherwise stated):
Hole diameter +/- 0.1mm, (+/- 0.004")
Dimensions (w*l*h) +/- 0.3 mm, (+/- 0.015")
Dimensions (Coax Connector position)
+/- 0.3mm, (+/- 0.012")
Dimensions (Waveguide Slot Position),
+/- 0.1mm, (+/- 0.04")
Dimensions (hole position) +/- 0.1mm, (+/- 0.04")
Machined surfaces
Flatness 0.025/mm, (0.001/ inch)
Bend radius 0.8mm, (0.031" or 1/32")

Order Examples: **RCPL-6.5-18.0-40d-WRD650-Nf-1kW-o15**
Description: *(Directional Coupler, 6.5-18.0GHz, 40dB Coupling, WRD650 Package, N-Female Connector, 1 Kilo Watt)*

Specifications		Units
Frequency Range	**6.50-18.00 GHz**	**GHz**
Coupling	40 ±1.0	dB
Coupling Flatness	±1.25	dB max
Coupling Direction	Forward	
Coupling Connector	N Female	
Coupler Directivity	20	dB min
Power	1	Kilo Watt
Material	Aluminum	
Finish	Flat Black	
Flange Input	WRD-650 Flat	
Flange Output	WRD-650 Flat	

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