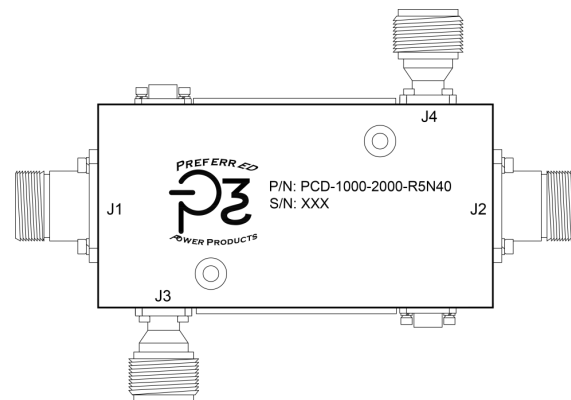


500 Watt 40 dB Dual Directional Coupler

Data Sheet



1000-2000 MHz
PWR-LINE™



Model: PCD-1000-2000-R5N40



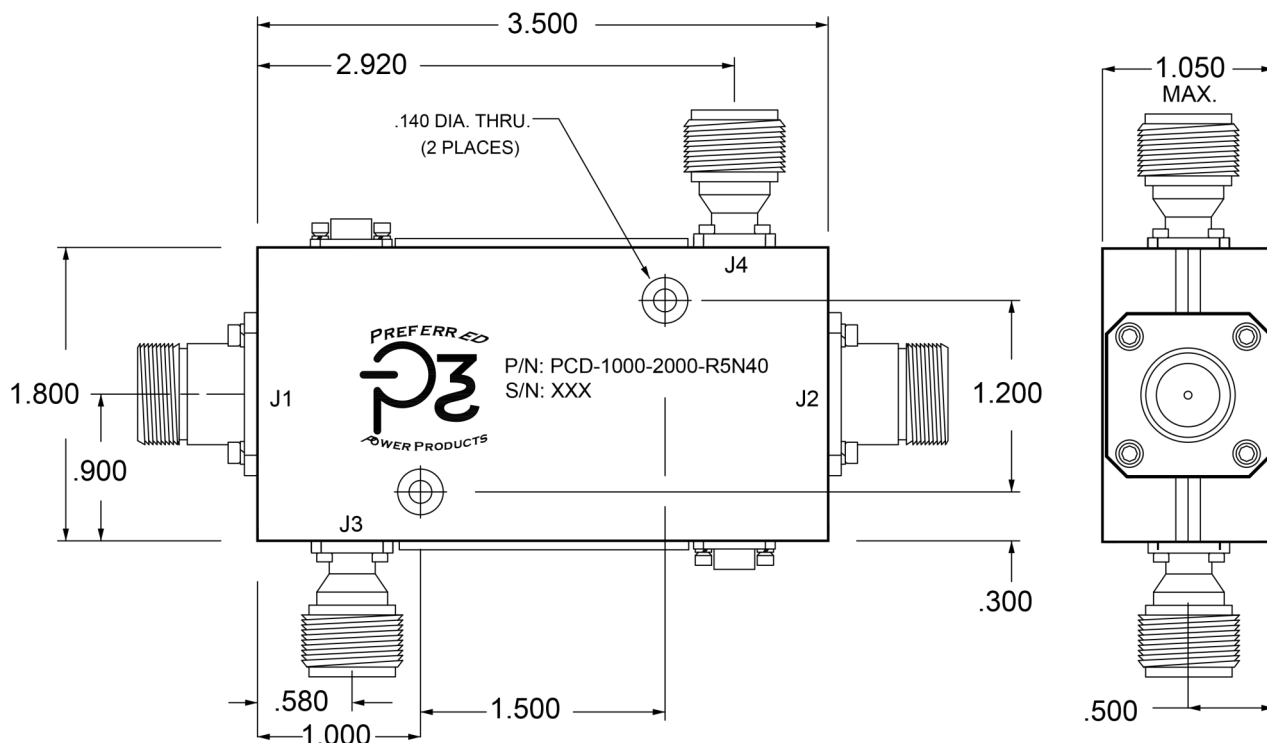
Frequency:	1000 - 2000 MHz
Coupling:	40 dB ±1.0 dB Max.*
Power:	500 Watts CW
Freq. Flatness:	±0.30 dB Max.
Insertion Loss:	0.20 dB Max.
Directivity:	>23 dB
VSWR:	1.25:1 Max. All Ports
Connectors:	"N" Female All Ports

* Theoretical Coupling Loss Not Included

PCD Series couplers feature reliable Stripline construction using multi-section designs which provides power sampling up to 2000 watts CW in small coaxial packages that have proven power performance and reliability under extreme environmental conditions. To enhance performance, matched high power terminations are internally mounted on most models too obtain high directivity, higher coupled port power and excellent VSWR.

NOTES:

Material: Aluminum Alloy, 6061-T651
 Finish: Chem-Film, Gold Irridite MIL-C5541E
 Operating Temperature: -55°C to +85°C
 Uni-Directional version available
 Other connector configurations available



Specifications subject to change without notice

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