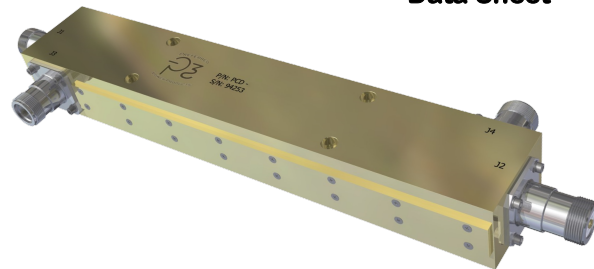


1000 Watt 40 dB Dual Directional Coupler

Data Sheet



Model: PCD-20-100-1KN40



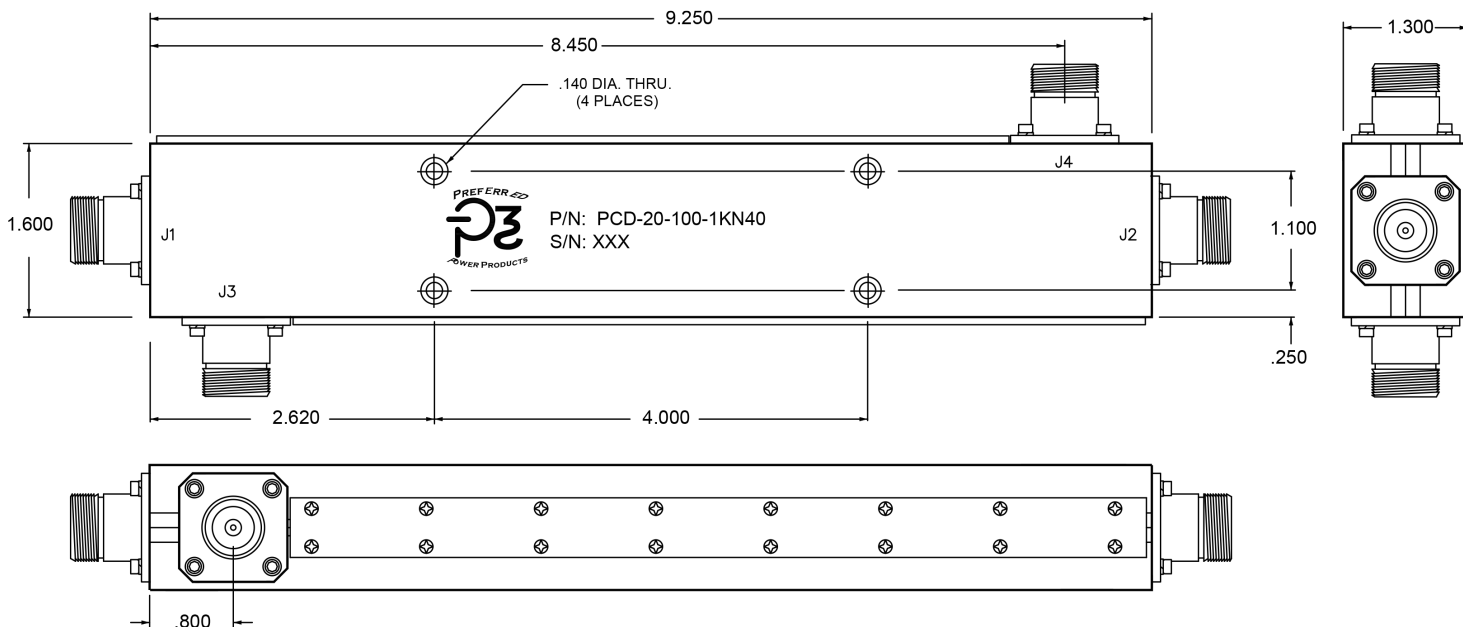
Frequency:	20 - 100 MHz
Coupling:	40 dB ±1.0 dB Max.*
Power:	1000 Watts CW
Freq. Flatness:	±0.75 dB Max.
Insertion Loss:	0.20 dB Max.
Directivity:	24 dB Min.
VSWR:	1.15:1 Max. Primary Line**
Connectors:	"N" Female All Ports

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 connectors configurations available

* Theoretical Coupling Loss Not Included
 ** Coupled Ports are matched into 50Ω System



Specifications subject to change without notice

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