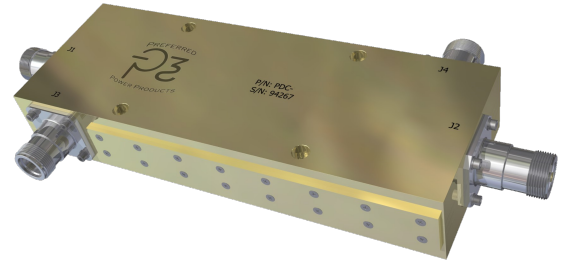


1000 Watt 30 dB Dual Directional Coupler

Data Sheet



Model: PCD-500-2000-1KSCN30



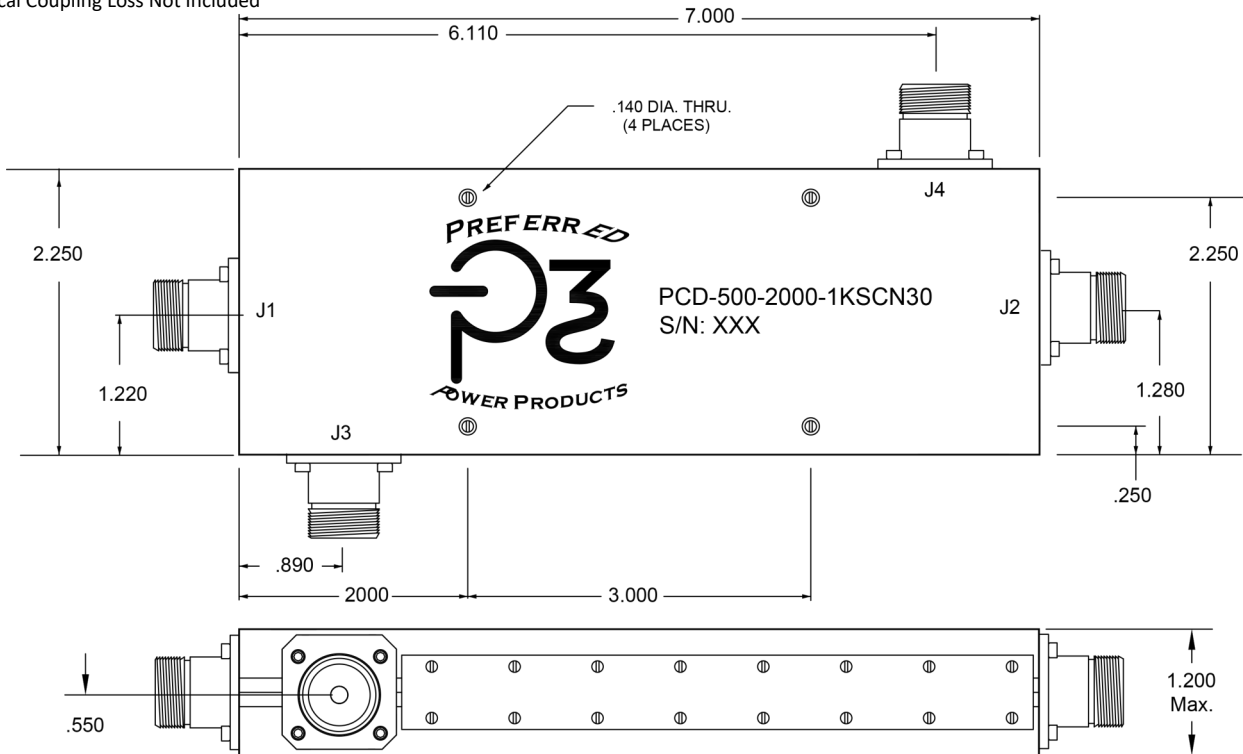
Frequency:	500 - 2000 MHz
Coupling:	30 dB \pm 1.0 dB Max.*
Power:	1000 Watts CW
Freq. Flatness:	\pm 0.25 dB Max.
Insertion Loss:	0.20 dB Max.
Directivity:	23 dB Min.
VSWR:	1.15:1 In/Out Ports 1.25:1 Coupled Ports
Connectors:	"SC" Female In/Out Ports "N" Female, Coupled Ports

PNC 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 to obtain high directivity, higher coupled port power and excellent VSWR.

NOTES:

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

* Theoretical Coupling Loss Not Included



Specifications subject to change without