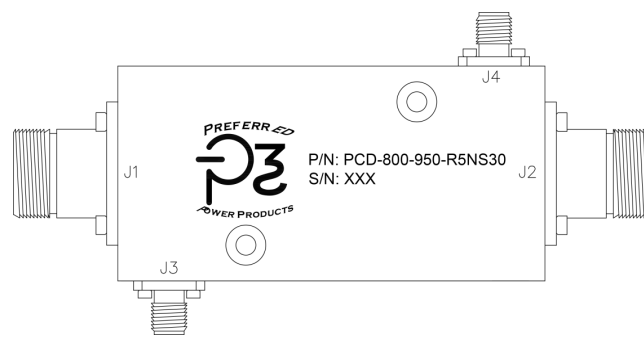


500 Watt 30 dB Dual Directional Coupler

Data Sheet



800-950 MHz
PWR-LINE™



Model: PCD-800-950-NS30



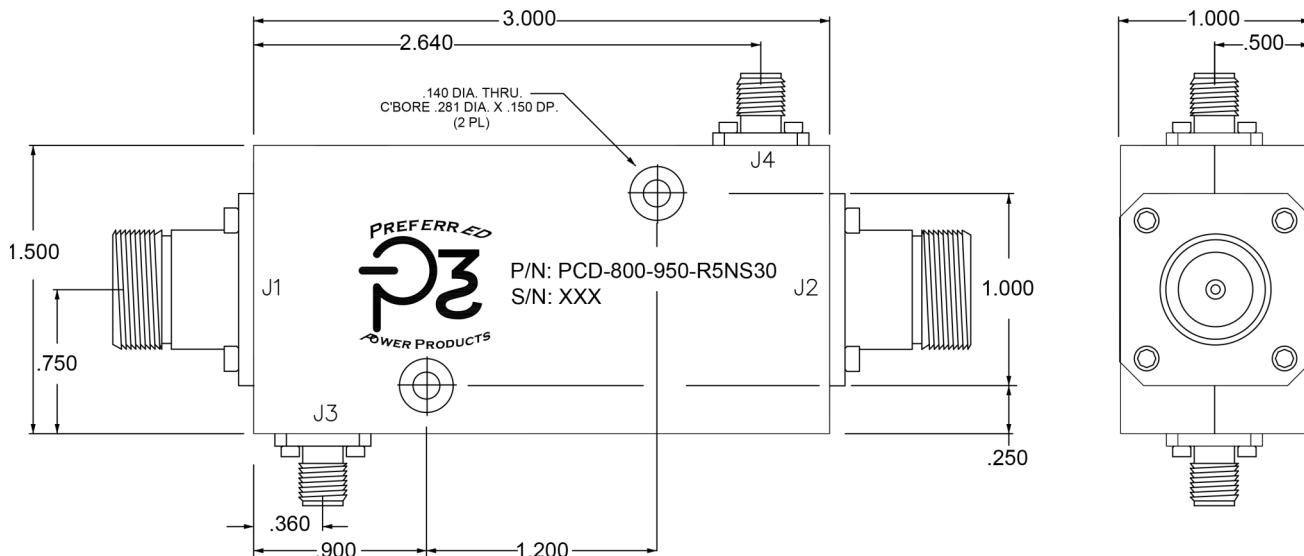
Frequency:	800 - 950 MHz
Coupling:	30 dB ±1.0 dB Max.*
Power:	500 Watts CW
Freq. Flatness:	±0.30 dB Max.
Insertion Loss:	0.20 dB Max.
Directivity:	>24 dB
VSWR:	1.25:1 Max. All Ports
Connectors:	"N" Female In/Out Ports "SMA" Female, Coupled Ports

* 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 connectors configurations available



Specifications subject to change without notice

www.preferredpowerproducts.com

Tel: 1-772-291-2549 | sales@preferredpowerproducts.net

STUART, FL 34997