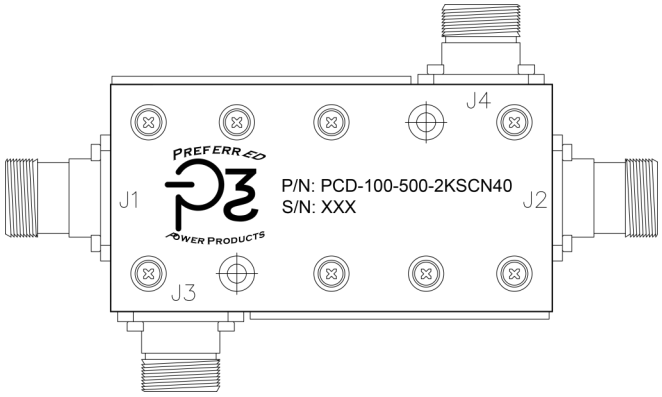
2000 Watt 40 dB Dual Directional Coupler

Data Sheet

100-500 MHz PWR-LINE™



Model: PCD-100-500-2KSCN40

Frequency:	**100 - 500 MHz**
Coupling:	**40 dB ±1.5 dB Max.***
Power:	**2000 Watts CW**
Freq. Flatness:	**±0.60 dB Max.**
Insertion Loss:	**0.40 dB Max.**
Directivity:	**24 dB Min.**
VSWR:	**1.15:1 Max. Primary Line****
Connectors:	**"SC" Female In/Out Ports**
	"N" Female Coupled Ports

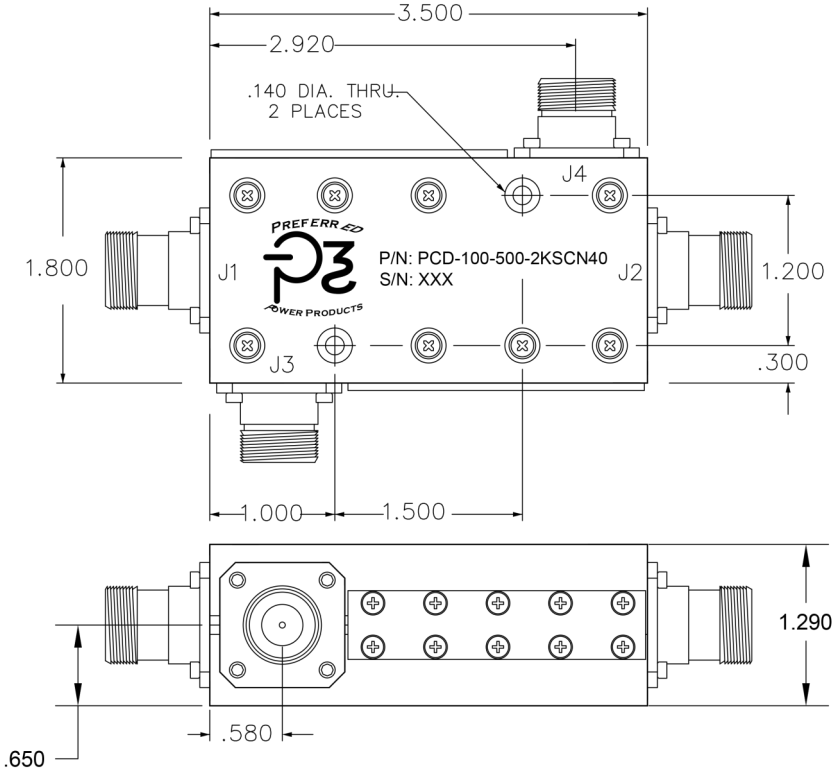
* Theoretical Coupling Loss Not Included

** Coupled Ports are matched into 50Ω System

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

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