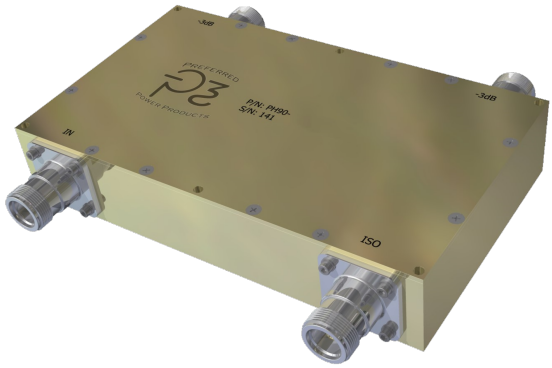
1000 Watt 90° FM Broadcast Coaxial Hybrid Coupler Data Sheet

PREFERRED POWER PRODUCTS

88-108 MHz HYBR-LINE™



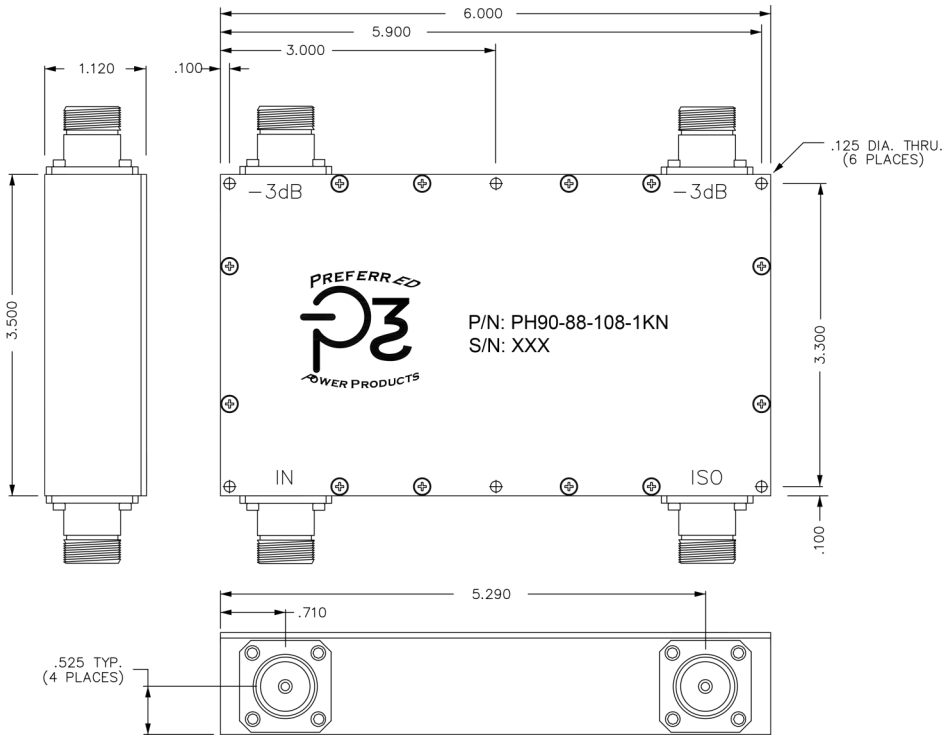
Model: PH90-88-108-1KN

Frequency:	**88 - 108 MHz**
Amplitude Balance:	**±0.5 dB Max.**
Power:	**1000 Watts CW**
Phase Balance:	**± 1.5° Typical**
Insertion Loss:	**0.25 dB Max.**
Isolation:	**20 dB Typical**
VSWR:	**1.15:1 Max. All Ports**
Connectors:	**"N" Female All Ports**

PH90 Series Hybrid couplers provide High Power dividing or combining while exhibiting excellent phase and amplitude balance over continuous broadband operation. Solid compact designs are able to operate in a wide variety of environments, which include Medical, Industrial, Commercial wireless, Military, and Space. The P3 library of designs allows for modifications of standard designs to be made quickly and inexpensively to meet specific requirements with short delivery times. Please consult the factory for any special requirements or frequency.

NOTES:

Material: Aluminum Alloy. 6061-T651
Finish: Chem-Film, MIL-DTL-5541F
Operating Temperature: -55°C to +85°C
Other connector configurations available



Specifications subject to change with-

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