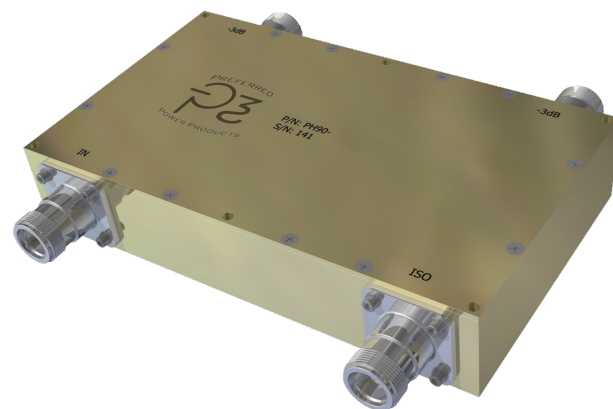


500 Watt 90° FM Broadcast Coaxial Hybrid Coupler

Data Sheet



88-108 MHz
HYBR-LINE™



Model: PH90-88-108-R5N

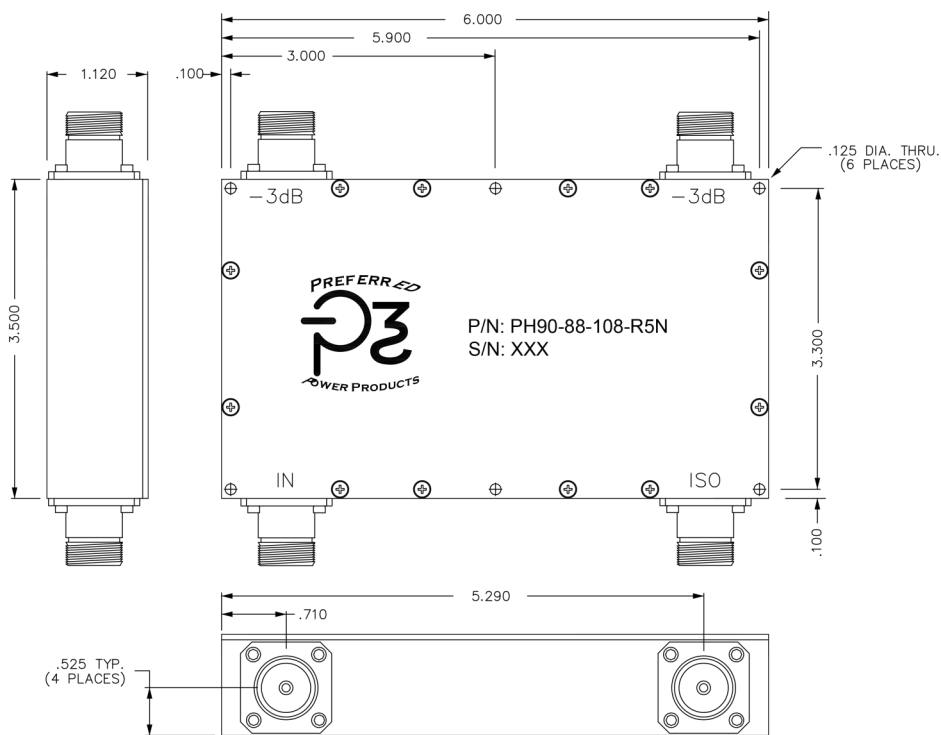


Frequency:	88 - 108 MHz
Amplitude Balance:	±0.5 dB Max.
Power:	500 Watts CW
Phase Balance:	± 1.5° Typical
Insertion Loss:	0.20 dB Max.
Isolation:	20 dB Typical
VSWR:	1.2:1 Max. All Ports
Connectors:	"N" Female All Ports

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 without notice

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