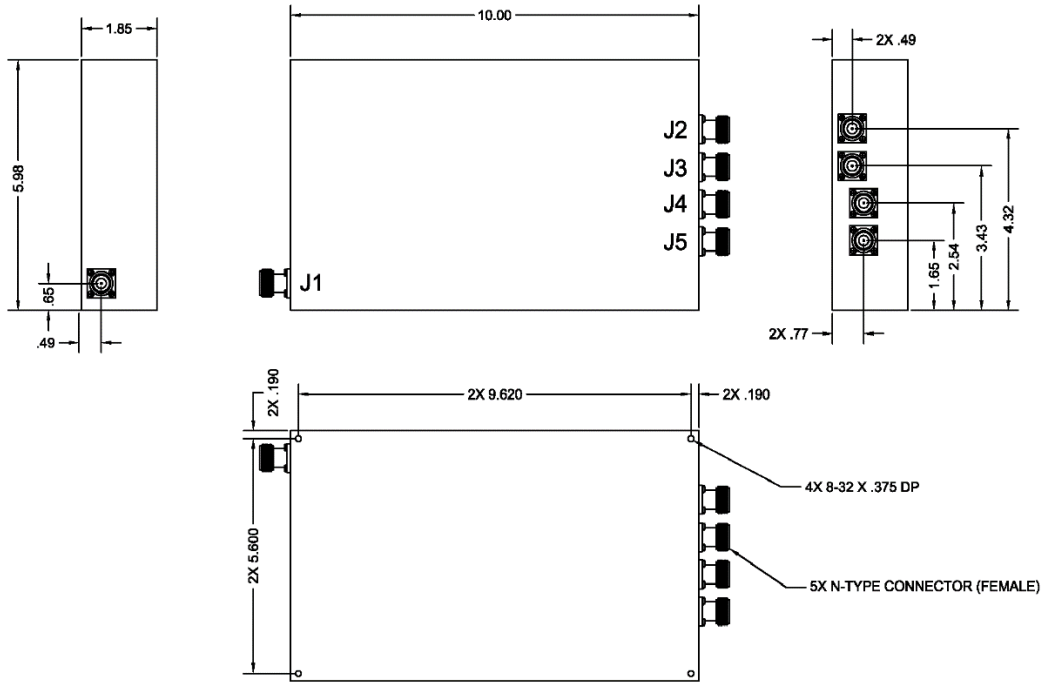




PDH-421 HIGH RF POWER HANDLING

4-WAY RF POWER COMBINER/DIVIDER VHF/UHF



ELECTRICAL SPECIFICATIONS

Frequency Range (Note 1)	110-225 MHz
Insertion Loss, above 6 dB power-division	
110-174 MHz	2.0 dB max.
174-225 MHz	3.0 dB max.
VSWR	
J1 (common)	1.35:1 max.
J2, J5	1.3:1 max.
Isolation, INPUT to INPUT	
Adjacent (J2-J3, J4-J5)	19 dB min.
Non-Adjacent (J2-J4, J5; J3-J4, J5)	30 dB min.
Amplitude Balance	±0.3 dB max.
Phase Balance	±2.0 deg. max.
RF Power, CW, per Channel	120 W max.

GENERAL CHARACTERISTICS

Size, excluding connectors	10.0" x 6.0" x 1.85"
Weight	5.8 lbs. max.
Connectors	Type N(Female)
Temperature Range	-40°C to +65°C

Note 1: Reduced performance, frequency range is 30-250 MHz

REV: 10/17/16