

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	698 - 2700 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.4 dB (ABOVE 3.01 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.2 dB
5.) PHASE BALANCE (MAX):	2 DEGREES
6.) ISOLATION (MIN):	22 dB
7.) INPUT VSWR (MAX):	1.20 : 1
8.) OUTPUT VSWR (MAX):	1.15 : 1
9.) DC VOLTAGE (MAX):	50 VOLTS

MECHANICAL SPECIFICATIONS:

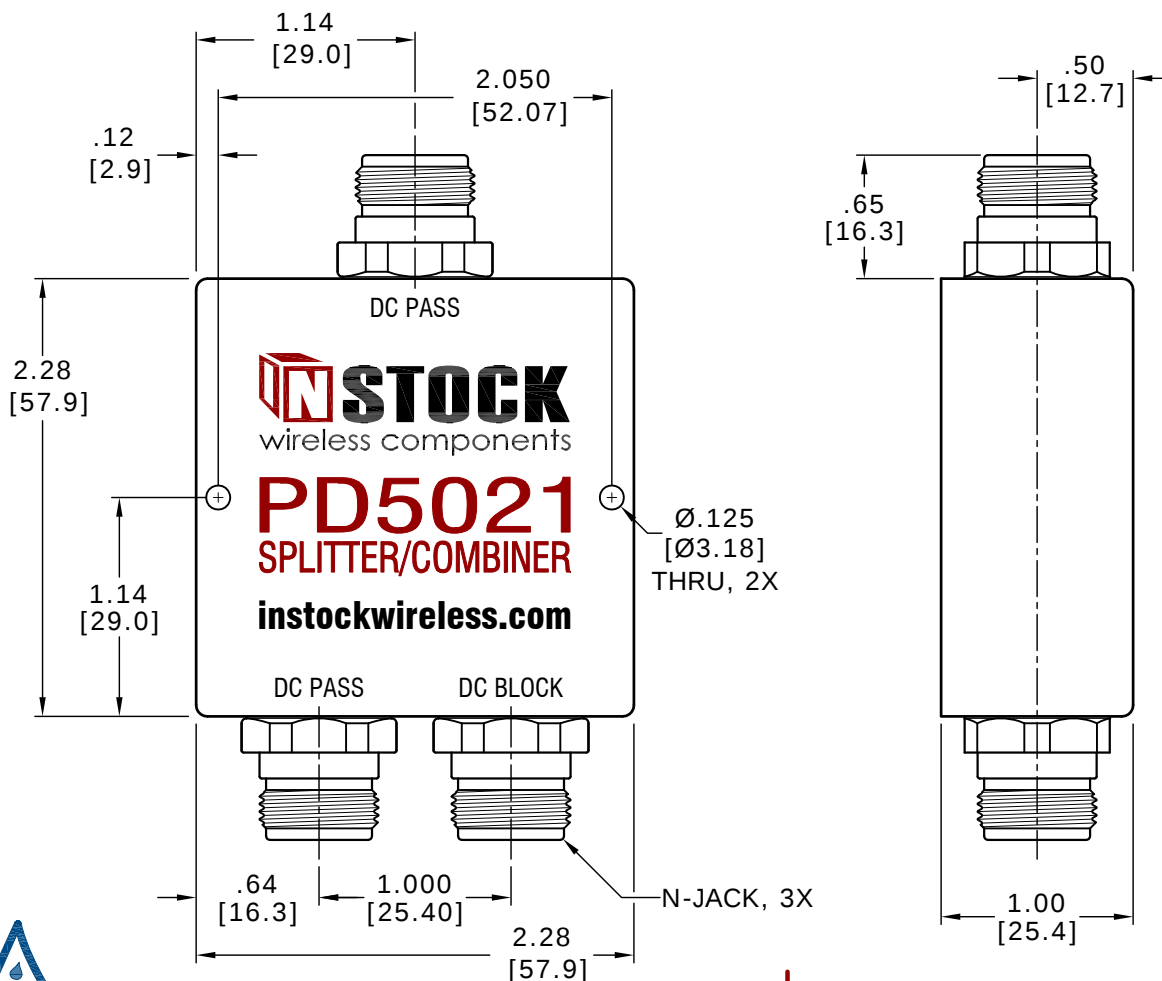
1.) CONNECTORS:	TYPE-N FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	PHOSPHOR BRONZE, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM FILM
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) PROTECTION RATING:	IP67 WATER AND WEATHER RESISTANT
8.) OPERATING TEMP:	-65°C TO +85°C
9.) WEIGHT:	258 GRAMS

RF INPUT POWER RATING (POWER DIVIDER SPLITTER):

INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE
1.2 : 1	40 WATTS	40 WATTS
2.0 : 1	40 WATTS	10 WATTS
∞	20 WATTS	1 WATT

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	2 X 20 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	2 X 0.5 WATTS
NON-COHERENT SIGNALS	2 X 1 WATT
OTHER CONDITIONS - CONSULT FACTORY	



2-way, DC blocking power splitter; DC pass one (1) port, DC block one (1) port.
Typically used for powering an active antenna through the power divider-splitter.

REV	DESCRIPTION	BY	DATE	TOLERANCES		www.instockwireless.com	MODEL NO. PD5021
				INCHES	MILLIMETERS		
				.00 = ±.01 .000 = ±.004	.0 = ±.25 .00 = ±.10		
				DRAWN: MJD DATE: 08/06/09	APPROVED: EMM DATE: 08/06/09		
							TITLE DC BLOCKING POWER DIVIDER, 2 WAY, N-TYPE JACK, 0.698 - 2.700 GHz, 40W, RoHS, IP67, DC BLOCK ONE (1) PORT