

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	700 - 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

MECHANICAL SPECIFICATIONS:

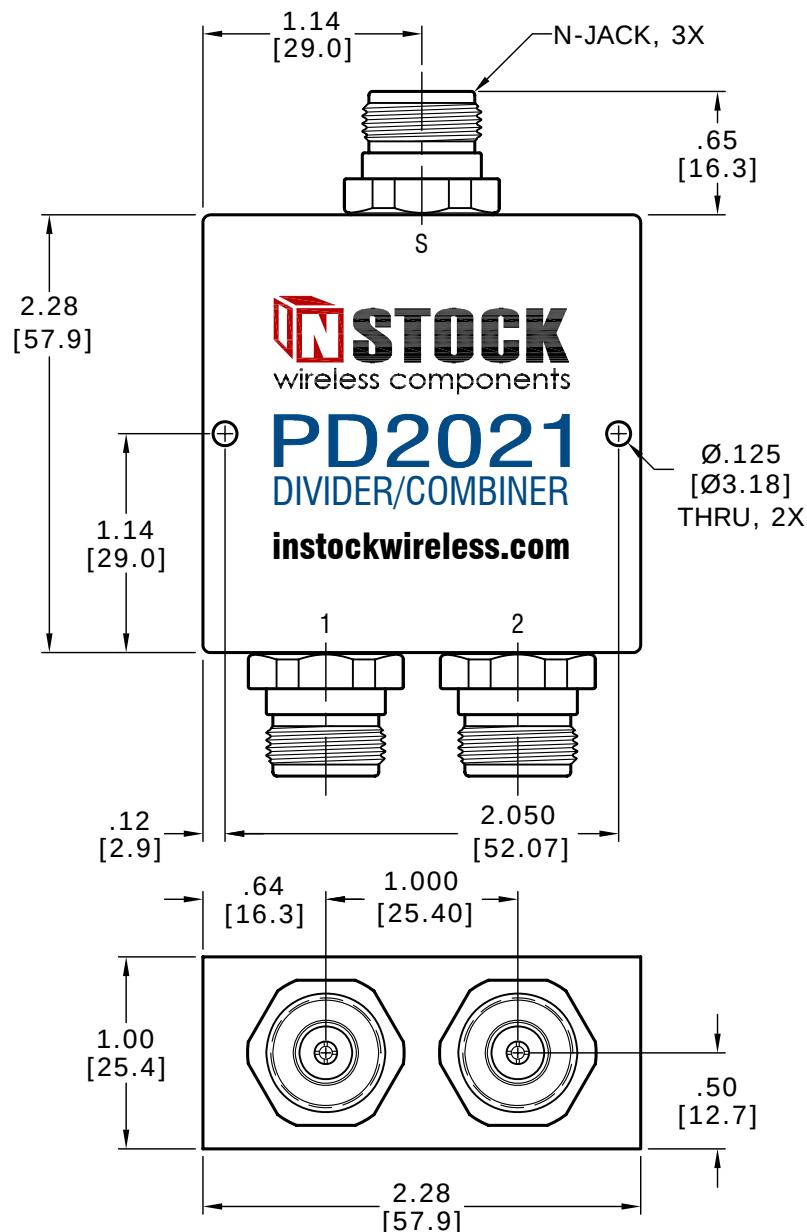
1.) CONNECTORS:	TYPE N FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	PHOSPHOR BRONZE, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM FILM
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) PROTECTION RATING:	IP67 WATER AND WEATHER 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	

**TOLERANCES**

INCHES	MILLIMETERS
.00 = ±.01	.0 = ±.25
.000 = ±.004	.00 = ±.10

DRAWN: MJD APPROVED: EMM
DATE: 07/01/08 DATE: 07/01/08

IN STOCK
wireless components
www.instockwireless.com

MODEL NO.

PD2021

TITLE 2 WAY POWER DIVIDER COMBINER,
N TYPE JACK, 0.7-2.7 GHz, 40W, 50 OHM,
IN-PHASE, RoHS, IP67 WEATHERPROOF

REV	DESCRIPTION	BY	DATE