

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	700 - 2700 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.6 dB (ABOVE 4.77 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.2 dB
5.) PHASE BALANCE (MAX):	3 DEGREES
6.) ISOLATION (MIN):	18 dB
7.) INPUT VSWR (MAX):	1.30 : 1
8.) OUTPUT VSWR (MAX):	1.25 : 1

MECHANICAL SPECIFICATIONS:

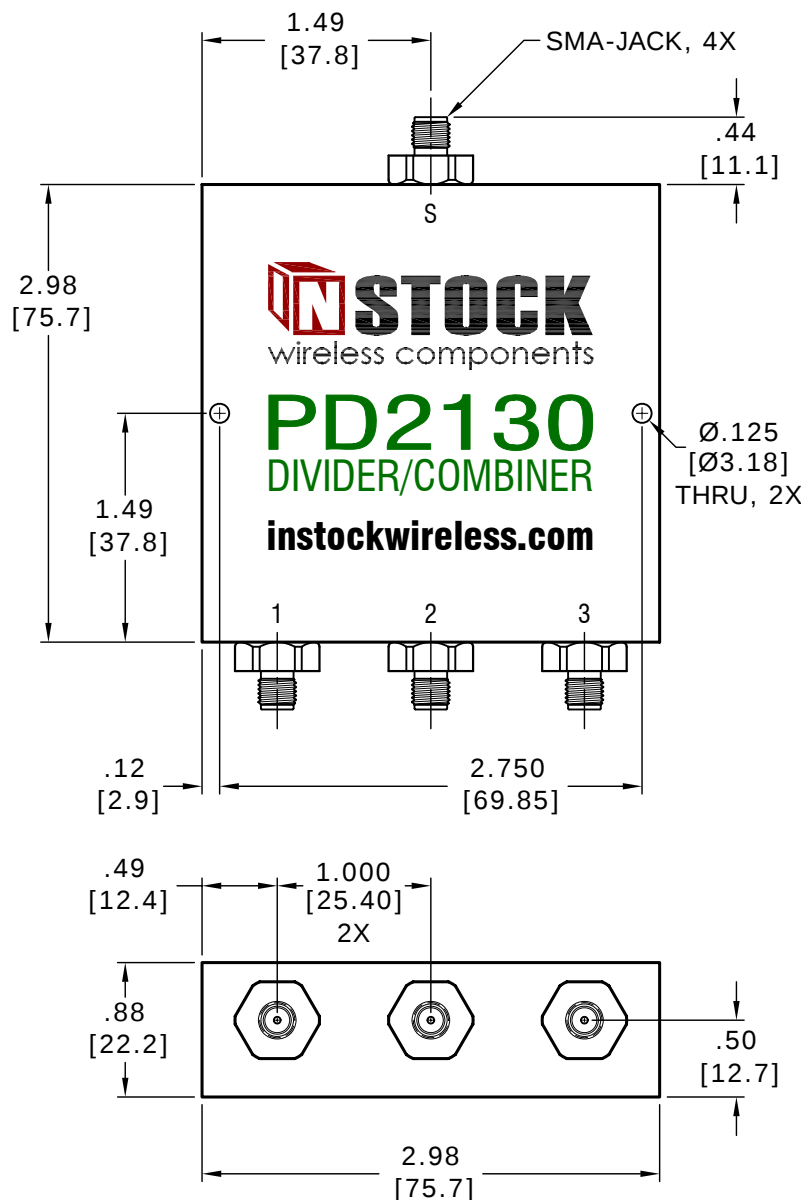
1.) CONNECTORS:	SMA FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	BERYLLIUM COPPER, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) OPERATING TEMP:	-65°C TO +85°C
8.) WEIGHT:	292 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	20 WATTS
∞	20 WATTS	2 WATTS

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	3 X 13.3 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	3 X 0.66 WATTS
NON-COHERENT SIGNALS	3 X 1.33 WATTS
OTHER CONDITIONS - CONSULT FACTORY	

**RoHS**

TOLERANCES

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

DRAWN: MJD APPROVED: EMM
 DATE: 04/15/10 DATE: 04/15/10

STOCK
 wireless components
 www.instockwireless.com

MODEL NO.

PD2130

TITLE 3 WAY POWER DIVIDER COMBINER,
 SMA FEMALE, 0.7 - 2.7 GHz, 40 WATT,
 50 OHM, 0 DEGREE (IN-PHASE), RoHS

REV	DESCRIPTION	BY	DATE