

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	2400 - 6000 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.6 dB (ABOVE 3.01 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.3 dB
5.) PHASE BALANCE (MAX):	3 DEGREES
6.) ISOLATION (MIN):	20 dB
7.) INPUT VSWR (MAX):	1.30 : 1
8.) OUTPUT VSWR (MAX):	1.25 : 1

MECHANICAL SPECIFICATIONS:

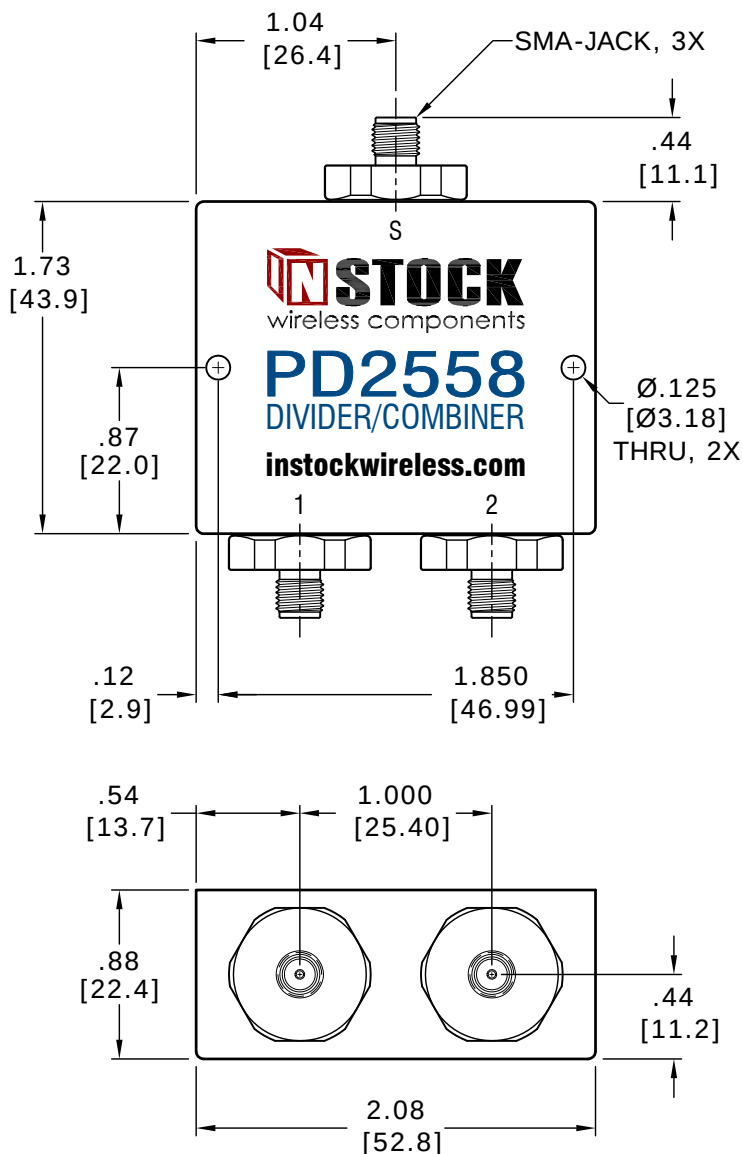
1.) CONNECTORS:	SMA FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	BERYLLIUM COPPER, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM FILM
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) PROTECTION RATING:	IP67 WATER AND WEATHER RESISTANT
8.) OPERATING TEMP:	-65°C TO +85°C
9.) WEIGHT:	157 GRAMS

RF INPUT POWER RATING (POWER DIVIDER SPLITTER):

INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE
1.2 : 1	30 WATTS	30 WATTS
2.0 : 1	30 WATTS	7.5 WATTS
∞	15 WATTS	0.75 WATTS

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	2 X 15 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	2 X 0.375 WATTS
NON-COHERENT SIGNALS	2 X 0.75 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



REV	DESCRIPTION	BY	DATE	TOLERANCES		 PD2558 2 WAY POWER DIVIDER COMBINER, SMA-JACK, 2.4-6.0 GHz, 30W, 50 OHM, IN-PHASE, RoHS, IP67 WEATHERPROOF
				INCHES	MILLIMETERS	
				.00 = ±.01 .000 = ±.004	.0 = ±.25 .00 = ±.10	
				DRAWN: MJD DATE: 07/24/09	APPROVED: EMM DATE: 07/24/09	