

ELECTRICAL SPECIFICATIONS:

1.) FREQUENCY RANGE:	2400 - 6000 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	0.8 dB (ABOVE 4.77 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.3 dB
5.) PHASE BALANCE (MAX):	4 DEGREES
6.) ISOLATION (MIN):	17 dB
7.) INPUT VSWR (MAX):	1.50 : 1
8.) OUTPUT VSWR (MAX):	1.40 : 1

MECHANICAL SPECIFICATIONS:

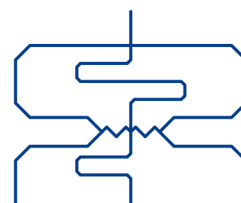
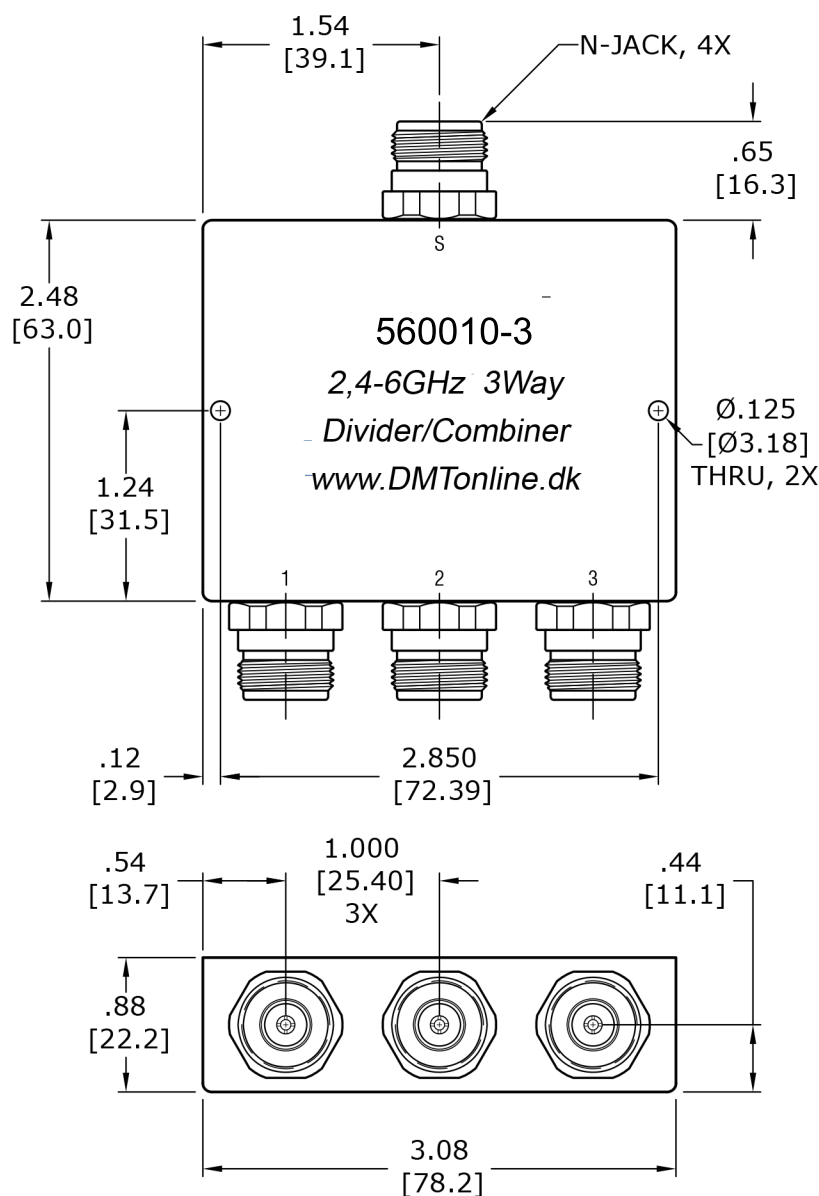
1.) CONNECTORS:	TYPE-N FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	PHOSPHOR BRONZE, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM FILM
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) PROTECTION RATING:	IP67 WATER AND WEATHER RESISTANT
8.) OPERATING TEMP:	-65°C TO +85°C
9.) WEIGHT:	317 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	15 WATTS
∞	15 WATTS	1.5 WATTS

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	3 X 10 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	3 X 0.5 WATTS
NON-COHERENT SIGNALS	3 X 1 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



REV	DESCRIPTION	BY	DATE	TOLERANCES	
				INCHES	MILLIMETERS
				.00 = ±.01 .000 = ±.004	.0 = ±.25 .00 = ±.10
				DRAWN: MJD DATE: 08/25/11	APPROVED: EMM DATE: 08/25/11



MODEL NO.	560010-3
TITLE	3 WAY POWER DIVIDER COMBINER, N-TYPE, 2400 - 6000 MHz, 30W, 50 OHM, 0 DEGREE, (IN-PHASE), RoHS, IP67 WEATHERPROOF