



FAA Approved Facility

3-Way Power Divider/Combiner

P/N: 2.6G2.0-8.0SP-XT3

Other Connectors are Available

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>



ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501 . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . <http://www.antcom.com>

NOTICE OF PROPRIETARY RIGHTS
THIS DOCUMENT CONTAINS CONFIDENTIAL, TECHNICAL DATA INCLUDING TRADE SECRETS PROPRIETARY TO ANTCOM CORP. DISCLOSURE OF THIS DATA TO YOU IS EXPRESSLY CONDITIONED UPON YOUR AGREEMENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY (AND DOES NOT INCLUDE MANUFACTURE OR PRODUCTION) AND ANY OTHER USE IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM CORP.

SPECIFICATIONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL:

FREQUENCY:	(2.0 - 8.0) GHz
VSWR:	1.4:1
IMPEDANCE:	50 ohms
INSERTION LOSS (dB):	1
AMPLITUDE BALANCE (dB):	0.6
PHASE BALANCE (Deg.):	5
POWER HANDLING:	10 Watt CW

MECHANICAL:

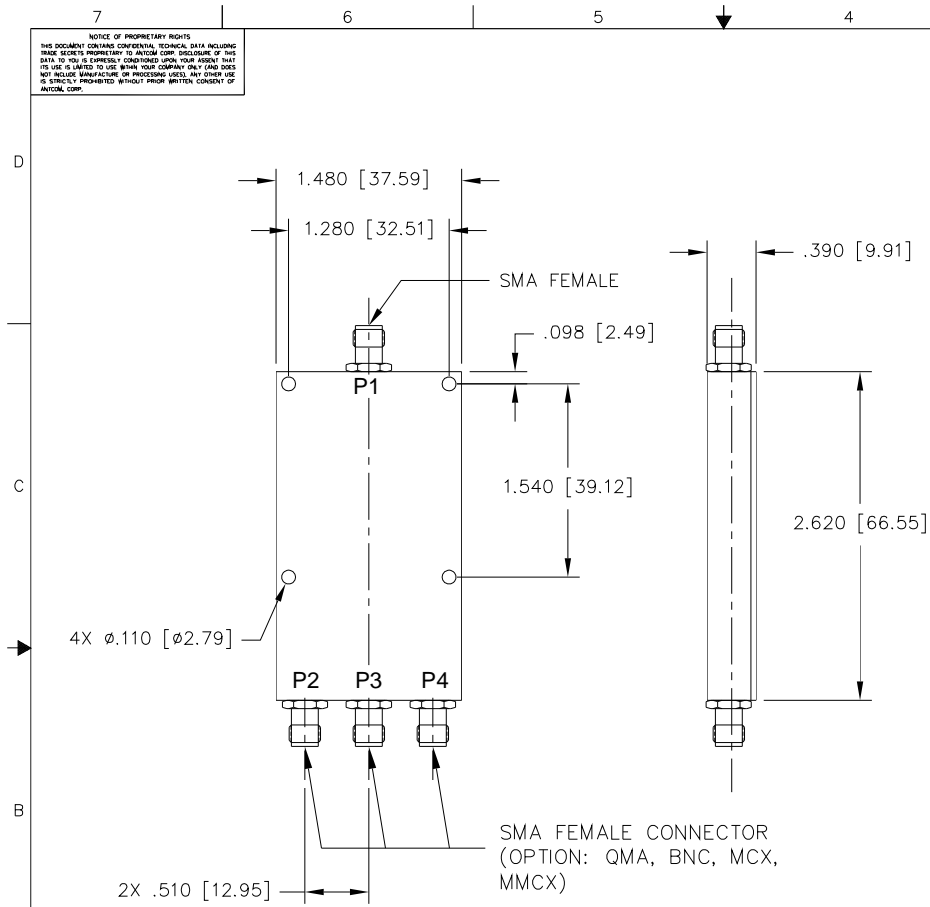
SIZE: 2.62in.[66.5mm] x 1.48in.[37.59mm]
 HEIGHT 0.39in.[9.9mm]
 WEIGHT: 1.97oz. (55.8 g)
 FINISH: BASE IRIDITE PER MIL-C-5541F
 COLOR: LUSTERLESS GRAY #36320 PER FED-STD-595B
 MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
 UV, ABRASION, AND SKYDROL RESISTANCE
 CONNECTOR: SMA FEMALE
 (OPTION: QMA, BNC, MCX, MMCX)

ENVIRONMENTAL:

TEMPERATURE: -90 °F TO +257 °F [-67 °C TO +125 °C] (Operational)
 -85 °F TO +302 °F [-65 °C TO +150 °C] (Storage)
 ALTITUDE: 70,000 ft.
 VIBRATION: >30 G's
 LEAKAGE: HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455



FREQ. BAND:	LNA GAIN:	DC OPTION:
2.0-3.0: (2.0-3.0) GHz	A: ACTIVE (LNA @ P1 INPUT)	1: P1/P2/P3/P4 DC ALL BLOCKED
4.0-6.0: (4.0-6.0) GHz	A1: 13 dB GAIN	2: P1/P2/P3/P4 DC ALL ENABLED
2.0-6.0: (2.0-6.0) GHz	A2: 20 dB GAIN	3: P1/P2/P3 DC ENABLE; P4 DC BLOCKED
6.0-8.0: (6.0-8.0) GHz	A3: 33 dB GAIN	4: P1 DC ENABLE; P2/P3/4 DC BLOCKED
X.X-Y.Y: (X.X-Y.Y) GHz	P: PASSIVE	5: P1 DC BLOCKED; P2/P3/P4 DC ENABLED

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	TRN NO
1						1

P/N: 2.6G2.0-8.0SP-XT3

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]
 NOTES: UNLESS OTHERWISE SPECIFIED:

CABLE LENGTH:	P1/P2/P3/P4 Female Connector:	DC Bias Female Connector:
X: NO CABLE	S: SMA; T: TNC	S: SMA; B: BNC; T: TNC
M: WITH MAG. MOUNT	Q: QMA; B: BNC	N: N; M: MCX; MM: MMCX
F: CABLE LENGTH (IN)	N: N; M: MCX; MM: MMCX	F: F; SB: SMB; SC: SMC
R: RIGHT ANGLE CON.	F: F; SB: SMB; SC: SMC	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES ± 1/64 .xxx .010 ± .1°	ORIGINALLY DRAWN S. HUYNH May-03-11
TOLERANCE ±.004 PER ANSI Y14.5 BREAK EXTERNAL EDGES .005 TO .010 FILED R .010 TO R .030 SCREW THREADS PER UNF-58B79 DIA'S ON A COMMON 1:25.000 MACHINED SURFACES 2/1	ORIGINALLY DESIGNED S. HUYNH May-03-11
DO NOT SCALE DRAWING	UPDATED S. HUYNH Feb-22-13
	UPDATE DRAWN P. TRAN Feb-22-13
	APPROVED S. HUYNH Feb-22-13

ANTCOM CORP. TORRANCE, CALIFORNIA	
3-WAY, IN PHASE POWER DIVIDER/COMBINER	
REV: D	DATE: 3/1/13
DRAWN BY: S. HUYNH	DATE: Feb-22-13
PART NO: 2.6G2.0-8.0SP-XT3	SCALE: 1/1
SHEET: 1	OF: 1