



FAA Approved Facility

4-Way Power Divider/Combiner for Multiple Channels

P/N: 4G1215S-XT4-X

2, 3, 5, 6 Ways are also Available

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

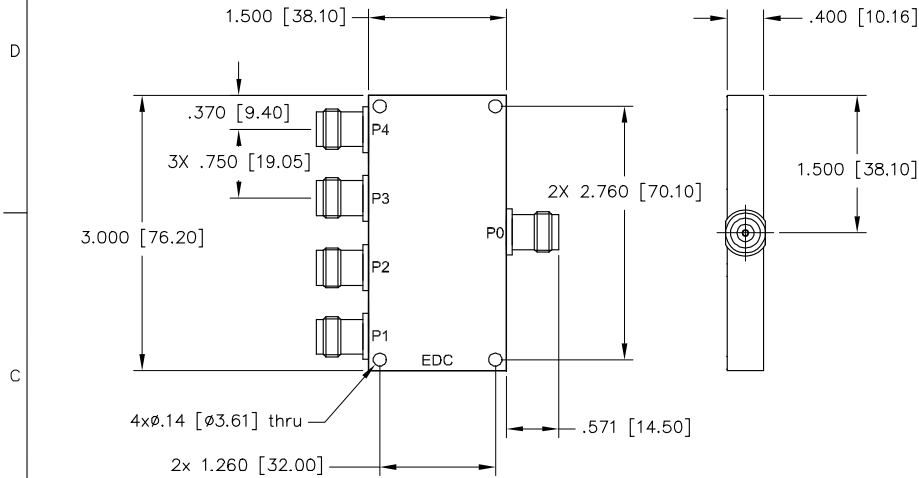


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SPECIFICATIONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ELECTRICAL:

	(0.250-0.500) GHz	(0.5-1.0) GHz	(1.0-3.0) GHz
FREQUENCY:	(0.250-0.500) GHz	(0.5-1.0) GHz	(1.0-3.0) GHz
VSWR:	< (2.0-3.5):1	< 2.0:1	< 1.5:1
IMPEDANCE:	50 ohms	50 ohms	50 ohms
INSERTION LOSS (dB):	(0.3 to 0.8)	0.4	0.3
AMPLITUDE BALANCE (dB):	+/-0.2	+/-0.2	+/-0.2
PHASE BALANCE (Deg.):	+/-1.0	+/-1.0	+/-1.0
POWER HANDLING:	100 Watt CW		

MECHANICAL:

SIZE: LENGTH=1.50 in. [38.10 mm], WIDTH=3.00 in. [76.2 mm]
HEIGHT 0.40 in. [10.16 mm]

WEIGHT: 3.00 oz. (85.0 g)

FINISH: BASE IRIDITE PER MIL-C-5441F

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
UV, ABRASION, AND SKYDROL RESISTANCE

CONNECTOR: TNC FEMALE
(OPTIONAL: SMA, BNC, N, MCX, or MMCX)

ENVIRONMENTAL:

TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C] (Operational)
-85 °F TO +302 °F [-65 °C TO +150 °C] (Storage)

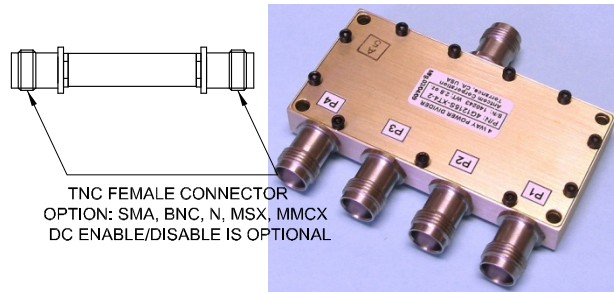
ALTITUDE: 70,000 ft.

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



TNC FEMALE CONNECTOR
OPTION: SMA, BNC, N, MSX, MMCX
DC ENABLE/DISABLE IS OPTIONAL

FREQ. BAND:	LNA GAIN:	DC OPTION:
1215: (0.3-3) GHz	13: 13 dB GAIN 20: 20 dB GAIN 33: 33 dB GAIN	1: P1/P2/P3/P4 DISABLE 2: P0/P1/P2/P3/P4 ENABLE 3: P0 DISABLE / (P1/P2/P3/P4/EDC) ENABLE P1: P0/P1 DC ENABLE P2: P0/P2 DC ENABLE P3: P0/P3 DC ENABLE P4: P0/P4 DC ENABLE

P/N: 4G1215S-XT4-1

CABLE'S LENGTH:	P0/P1/P2/P3/P4 Female Connector:	DC Bias Female Connector:
X: NO CABLE	T: TNC (Optional Bulkhead)	T: TNC (Optional Bulkhead)
M: WITH MAG. MOUNT	S: SMA; B: BNC	S: SMA; B: BNC
#: CABLE LENGTH (IN)	N: N (Optional Bulkhead)	N: N (Optional Bulkhead)
R: RIGHT ANGLE CON.	M: MCX, MM; MMCX	M: MCX, MM; MMCX

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	UOM
1						1

UNLESS OTHERWISE SPECIFIED	ANTCOM CORP.
DIMENSIONS ARE IN INCHES	TORRANCE, CALIFORNIA
FRACTIONS DECIMALS ANGLES	
± 1/64 .005 .010 ± 1°	
TOLERANCE SYM PER ANSI Y14.5	
REMOVE ALL BURRS	
FINISH ALL EDGES .005 TO .015	
SCREW HEADS PER MIL-S-8878	
DAYS ON A COMMON 25,000	
MACHINED SURFACES	
DO NOT SCALE DRAWING	

DATE	BY	APP'D	REV
10-13	S. HUYNH		1
10-13	S. HUYNH		2
23-16	S. HUYNH		3
23-16	P. TRAN		4
23-16	S. HUYNH		5

3CVE1	4G1215S-XT4-1
SCALE 1/1	SHEET 1 OF 1

1. NOTES: UNLESS OTHERWISE SPECIFIED: