



FAA Approved Facility

(800 – 3000)MHz/L-Band/GPS/S-Band High Pass Filter
 P/N: HPF-1.21-1.75-XTM-X (TNC); P/N: TNC-M-700HPFilter-TNC-F (TNC)
 P/N: N-M-700HPFilter-N-F (N); P/N: SMA-M-700HPFilter-SMA-F (SMA)

Other Frequencies and Connector Options are Available

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



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				REVISIONS	
ZONE	REV	DESCRIPTION	DATE	APPROVED	

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SPECIFICATIONS

ELECTRICAL:

FREQUENCY:	(700 - 3000) MHz
VSWR:	2.0:1
IMPEDANCE:	50 ohms
PASSBAND:	(700 - 3000) MHz
REJECTION:	30dB @ (10 - 400) MHz, 45dB @ 225 MHz, 25dB @ 500 MHz
INSERTION LOSS:	< 0.6 dB
POWER HANDLING:	0.5 Watt CW

MECHANICAL:

SIZE: LENGTH: < 1.800 in. [45.72 mm] FOR TNC-M TO TNC-F
 LENGTH: < 2.087 in. [53.00 mm] FOR N-M TO N-F
 LENGTH: < 1.321 in. [33.55 mm] FOR SMA-M TO SMA-F
 DIAMETER: 0.450 in [11.43 mm]

WEIGHT: < 1.0 oz. (28 g) FOR TNC-M TO TNC-F
 < 2.0 oz. (56 g) FOR N-M TO N-F
 < 0.5 oz. (14 g) FOR SMA-M TO SMA-F

FINISH: NICKEL-GOLD PLATED
 MATERIAL: BRASS
 CONNECTOR: TNC-MALE TO TNC-FEMALE
 (OPTION: SMA, N, BNC)

ENVIRONMENTAL:

TEMPERATURE: -67 °F TO +221 °F [-55 °C TO +105 °C]
 70,000 ft.
 VIBRATION: > 30 G's
 HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DO-160D (ENV/EMI), DO-228 (ENV/EMI), MIL-STD-1472 (DOD), MIL-C-5541F
 MIL-PRF-39012 (CONN), MIL-STD-810G (ENV/EMI), MIL-HDBK-5400 (ELEC)
 MIL-STD-464C (ELEC MAG), MIL-STD-130N-1 (ID), MIL-STD-889B (METAL)
 RCC-319-14 (TERMINATION), RCC-324-01(SAFETY), FAA TSO-C144
 MIL-145208A, NAS411-1 (HAZ) AND SAE J1455 (AUTOMOTIVE)

ACCEPTANCE TEST PROCEDURE: ATP-GPS-L1L2-100

P/N: TNC-M-700HPFilter-TNC-F

FREQUENCY:	MALE CONNECTOR:	CUTOFF :	FEMALE CONNECTOR:
(1.21 - 1.75) GHz	SMA-M	700 MHz	SMA-F
(0.70 - 3.00) GHz	TNC-M		TNC-F
(700 - 3000) MHz	N-M		N-F
	BNC-M		BNC-F

QUANTITY REQD	DESCRIPTION	PARTS LIST	PART NO	FINISH	REV
					2
					1

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE TO 0.005 ANGLES ± 1/64</p> <p>TOLERANCE SYM PER ANSI Y14.5</p> <p>REMOVE ALL BURRS</p> <p>BREAK EXTERNAL EDGES 200 TO 0.015</p> <p>FILE ALL SURFACES PER MIL-C-8879</p> <p>DATE ON A COMMON 1/29/05</p> <p>MACHINED SURFACES</p> <p>DO NOT SCALE DRAWING</p>	<p style="text-align: center;">ANTCOM CORP. TORRANCE CALIFORNIA</p> <p style="text-align: center; font-size: 24px;">HIGH PASS FILTER</p> <p style="text-align: center;">P. TRAN S. HUYNH Sept-29-16</p> <p style="text-align: center;">APPROVED S. HUYNH Sept-29-16</p> <p style="text-align: center;">SCALE 1/1</p>
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