



FAA Approved Facility

GPS/GNSS & Wide Band (0.800-5.9) GHz Antenna for Train/Rail Road/Truck Applications

P/N: Choo-ChooG3-AP-XNN-2 (For G3 GPS/ GSM+UMTS+WLAN)

P/N: Choo-ChooG5-AP-XNN-2 (For G5 GPS/ GSM+UMTS+WLAN)

Other Frequencies, Colors, Connectors and Foot Print Configurations are Available

Antenna Mounts: <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>

“-HF” for High Iridium/Inmarsat/Thuraya-Rejection Front End Filter Option: -22dB@1616MHz, -34dB@1625-1660MHz
 “-HFO” for Additional OmniStar/TerraStar Rejection: -27dB@1545MHz

http://www.antcom.com/documents/catalogs/page/Choo-ChooG3A-XNN-2_InstallationManual.pdf

10.236 [259.99]
5.026 [127.67]
2.200 [55.88]
3.937 [100.00]
3.500 [88.90]
1.200 [30.48]
0.717 [18.21]
0.500 [12.70]

4X ϕ .346 [ϕ 8.79] THRU C'BORE ϕ .650 [ϕ 16.51] X .316 DEEP (M8 SOCKET SCREWS P/N: 92290A802 PROVIDED)

N-F BULKHEAD CONNECTOR
N FEMALE CONNECTOR

3.150 [80.01]
2.874 [73.00]
1.535 [39.00]
6.496 [165.00]

SILICON GASKET P/N: 3BG15P1001-2-TR (PROVIDED)

P/N: Choo-ChooG3A-XNN-6

Frequency	GPS/RX only LNA:	CABLE'S LENGTH:	UHF/Other-Band CON.	COLOR:
L1: L1 GPS	P: WITHOUT LNA	X: NO CABLE	S: SMA; B: BNC; F: F	-1: GLOSS WHITE #17925 PER FED-STD-595B
L2: L1/2 GPS	A2: WITH 20 dB LNA	M: WITH MAG. MOUNT	M: MCX; MM: MMCK	-2: LUSTERLESS GRAY #38320 PER FED-STD-595B
G3: L1 GPS/Glonass/L-Band	A: WITH 33 dB LNA	#: CABLE LENGTH (IN)	N: N-N; S: Bulkhead	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B
G5: L1/2 GPS/Glonass/L-Band	A4: WITH 43 dB LNA	R: RIGHT ANGLE CON.	T, TB: TNC, TNC- Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
GNSS: GNSS				-6: LUSTERLESS RED #31136 PER FED-STD-595B

ELECTRICAL:

4X O-RING P/N: AS568A-011

MECHANICAL:

SIZE: WIDTH 10.24 in. [260 mm], LENGTH 3.94 in. [100 mm], HEIGHT 3.50 in. [88.9 mm]

WEIGHT: 25.0 oz. (709g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5541F

COLOR: LUSTERLESS RED #31136 PER FED-STD-595B

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDANT

CONNECTOR: N FEMALE, N FEMALE BULKHEAD (OPTION: SMA, N, TNC)

ENVIRONMENTAL:

TEMPERATURE: -76°F TO +185°F [-60°C TO +85°C]

ALTITUDE: 70,000 ft.

VIBRATION: 30 G's

LEAKAGE: HERMETICALLY SEALED

INGRESS: IP 68

SPECIFICATIONS:

EN 50155, EN 50121-3-2, DO-160D, DO-228, MIL-C-5541, MIL-STD-461E/F, SAE J1455 MIL-E-5400, MIL-I-45208A, MIL-STD-810, MIL-S-901D, MIL-STD-167-1A

DESCRIPTION	PART NO.	QTY
1 OPTIONAL M10 56x115mm MOUNTING ADAPTER	P/N: 509-10, Item 509-M10	4
1 SILICON GASKET	P/N: 3BG15P1001-2-TR, Item 546-TR	3
4 TOP O-RING (FOR SCREW)	P/N: AS568A-011, Item 553-011	2
4 SCREW, SOCKET, M8 X 1.25, 16.4MM L	P/N: 92290A802, Item 590M8-1	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS TO BE USED UNLESS OTHERWISE NOTED ANGLES TO BE SHOWN UNLESS OTHERWISE NOTED TOLERANCE SURF PER ANG Y14.4 REMOVE ALL BURRS REMOVE ALL DIMENSIONS UNLESS DIMENSIONS ARE TO DIM FILED TO DIM TO 16.000 DIMS ON A DIMENSION ARE TO DIM MACHINED SURFACES

DO NOT SCALE DRAWING

ANTCOM CORP. TORRANCE, CALIFORNIA

GPS / WIFI BLADE ANTENNA

3CVE1 Choo-ChooG3A-XNN-6

SCALE 1/1

SHEET 1 OF 1