

GPSG Antenna Coupler

Key Features

- Provides > 20 dB of isolation
- Provides shielding from outside GPS signals
- Provides a controlled environment for GPS simulation
- Works with all GPS receivers
- Fits most aircraft GPS antennas
- Effective solution for testing inside a hangar or other multi-path environments
- Hook for easy placement for top-mount GPS antenna
- Weighted bag to aid stability
- Rugged design for ramp use



General Specifications

Specifications	Description
Dimensions	7.25" (184 mm) x 7.25" (184 mm) x 6.75" (171 mm)
Weight	1.2 lbs. (600 g)
Frequency Bands	L1 (1575.42 MHz), L2 (1227.6 MHz), L5 (1176.45 MHz)
Return Loss	<10.88 dB
Insertion Loss	21.5 dB Typical @ L1 Frequency
Repeatability	<1 dB
Isolation	>20 dB
Connector	TNC Female
Fits GPS Antennas Smaller Than	6.5" x 6.5" x 1.5" (16.5 x 16.5 x 3.8 cm)

Ordering Information

Product Number	Description
87636	GPS Antenna coupler

Optional Accessories

Product Number	Description
90106	Kit, Antenna Coupler Pole, 8 ft. w/ D Ring
88753	Weighted Bag
112830	Cable Coax, TNC-TNC 6'
114131	Cable Coax, TNC-TNC 25'
User Supplied	RF Blanket



Contact Us: +1 800 835 2352 | avcomm.sales@viavisolutions.com.

© 2026 VIAVI Solutions Inc. Product specifications and descriptions in this document are subject to change without notice. Patented as described at viavisolutions.com/patents

gpsgantennacoupler-ds-avi-nse-ae
30195047 900 0426

viavisolutions.com