

KEY FEATURES

The Swegeo SS14-00 is a professional-grade full GNSS band signal splitter designed to connect one antenna to up to four receivers. Its symmetrical technical design ensures the delay consistency of each channel, providing reliable performance across various applications. The SS14A supports a wide range of signals, including GPS/QZSS-L1/L2/L5, QZSS-L6, GLONASS-G1/G2/G3, BeiDou-B1/B2/B2a/B3, Galileo-E1/E5a/E5b/E6, and L-band correction services. With its robust and durable construction, this splitter is ideal for high-precision GNSS operations in demanding environments.



ACCEPTS POWER FROM ALL ATTACHED RECEIVERS

Allows seamless power integration by accepting power from any of the connected GNSS receivers, offering flexibility in power supply arrangements.

SUPPORTS UP TO FOUR GNSS RECEIVERS SHARING A SINGLE ANTENNA

Enables efficient use of a single antenna for up to four GNSS receivers, reducing the need for multiple antennas and simplifying the setup.

ROBUST CONSTRUCTION

Built with a durable and reliable package to withstand harsh environmental conditions, ensuring long-lasting performance in various applications.

CONSISTENT DELAY FOR ALL CHANNELS

The symmetrical design ensures consistent delay across all channels, providing reliable and accurate signal distribution for all connected receivers.

GENERAL	
Nominal Impedance	50 Ω
Maximum RF Input(Antenna)	10dBm
Amplitude	± 0.5 dB
Gain	0dB
Phase-Balance	2.0deg (Typ.). 5.0degMax

MECHANICAL	
Dimensions	105.0*75.0*37.0 mm
Connector	6 type-TNC (female)
Weight	250g
Attachment	Four screw holes
Base	Aluminum alloy 6061-T6

LNA	
Frequency Range	1154~1621MHz
DC In	DC input on any port:3.3~12.5V DC
Noise Figure	≤ 2.0 dB@25°C , Typ.
Antenna Through Current	≤ 250.0 mA
VSWR	$\leq 1.5:1$ typ. 1.8:1max
Splitter Operation Current	≤ 45 mA
Input 1 dB Gain Compression Point	≥ -10 dBm

ENVIROMENTAL	
Operating Temperature	-40°C to+85°C
Storage Temperature	-45°C to+85°C
Humidity	95% Non-condensing
Ingress Rating	IP67

