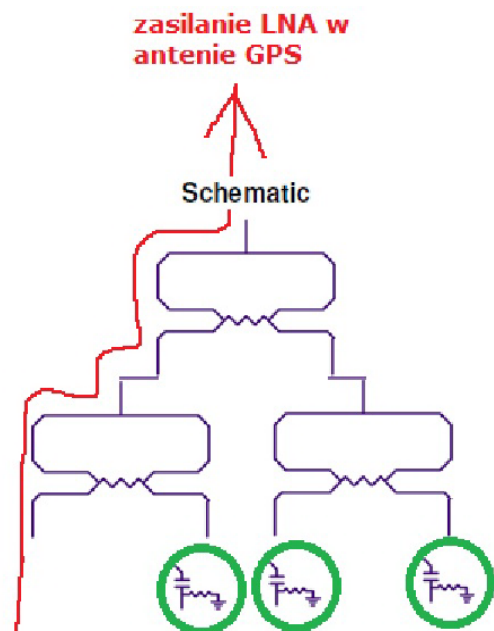


Model TPD1515N4W

Technical Data Sheet			
Frequency Range	1574.42 ~ 1576.42MHz	Finish	Painted Black
Insertion Loss	≤1.2dB (Above 6.02dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.50:1 Output ≤1.50:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥22dB	Connector Pin	Beryllium Copper, Gold Plate
DC-PASS	J1 Port	Solder	Lead Free, RoHS Compliant
DC-BLOCK	J2,J3,J4 Port	Operating Temperature	-40~+65°C
¹ Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	480g
Port Connectors	N-Female	Waterproof Level	IP 65
DC CURRENT	50 mA Max	DC VOLTAGE	10 V Max

¹Power Handling guaranteed when load's VSWR within 1.50:1.

Schematic

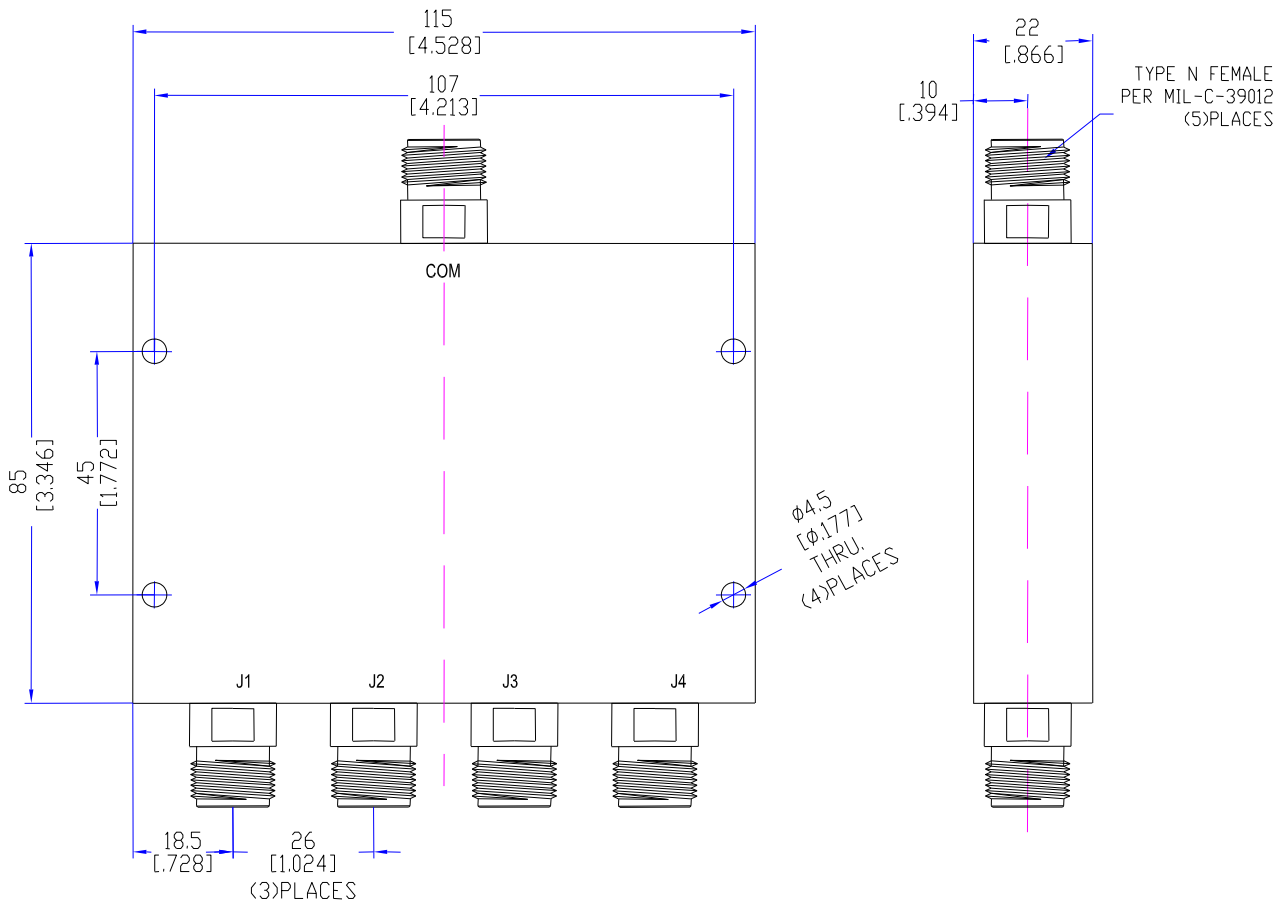


Function

4-way, GPS signal splitter; DC pass 1 port, DC block 2,3,4 port w/200Ω load.

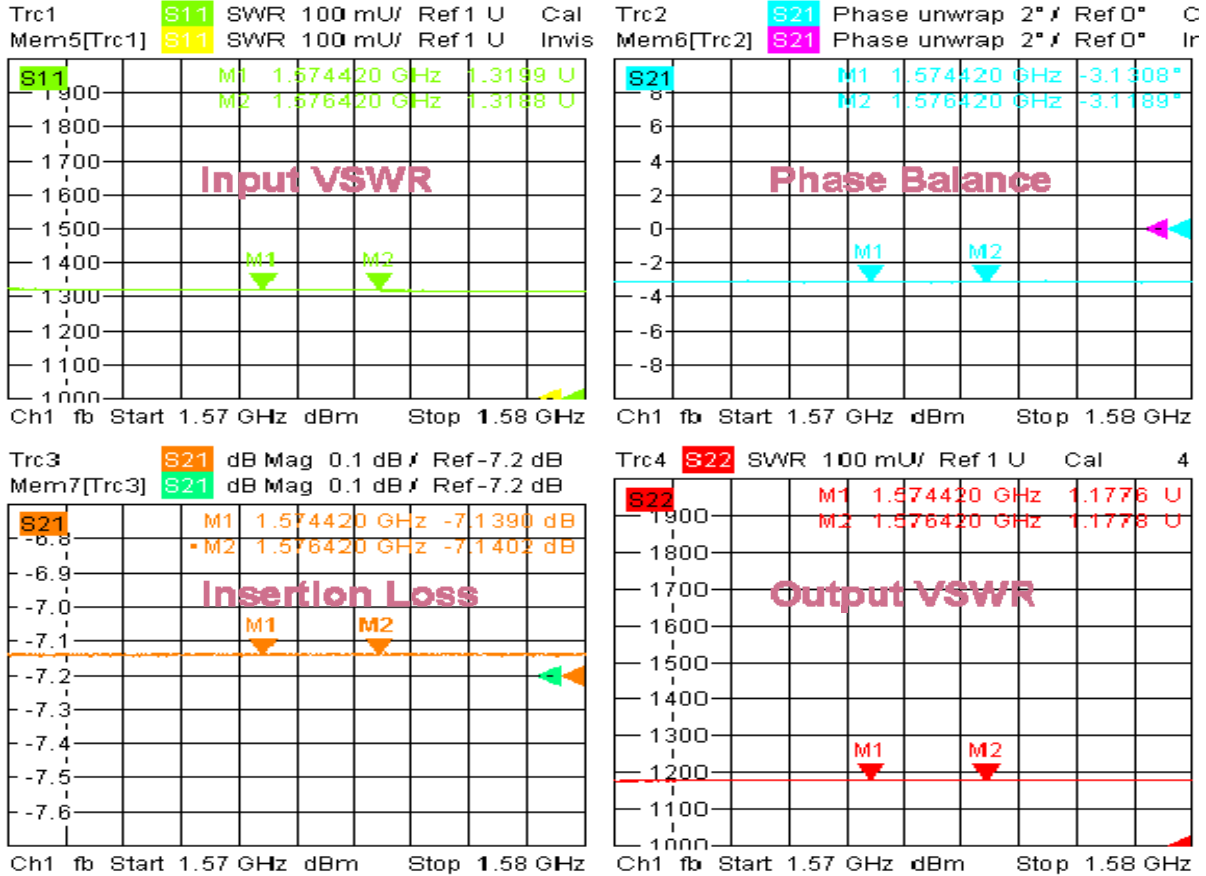
Typically used for powering an active antenna thru pass ports while splitting the GPS signal.





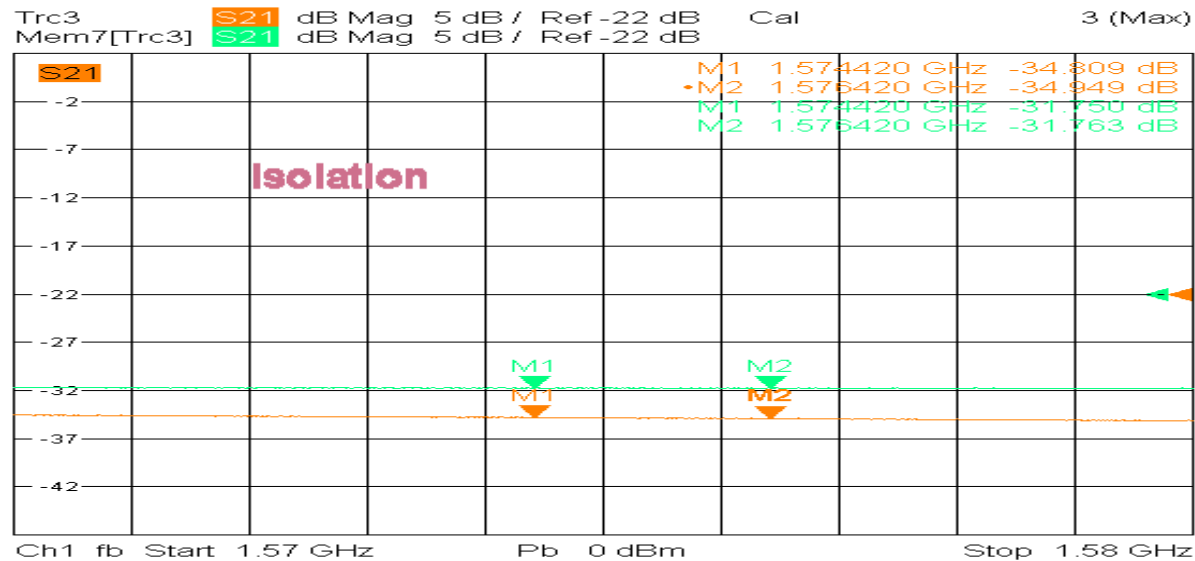
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



4/3/2019, 10:51 AM

2. Insertion Loss



4/3/2019, 10:52 AM

