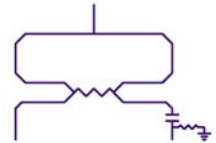


## Model TPD1515N2W

Technical Data Sheet			
Frequency Range	1574.42 ~ 1576.42MHz	Finish	Painted Black
Insertion Loss	≤0.8dB (Above 3.01dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.25:1 Output ≤1.25:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥25dB	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
<sup>1</sup> Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	160g
Port Connectors	N-Female	Waterproof Level	IP 65
DC CURRENT	50 mA Max	DC VOLTAGE	10 V Max

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.

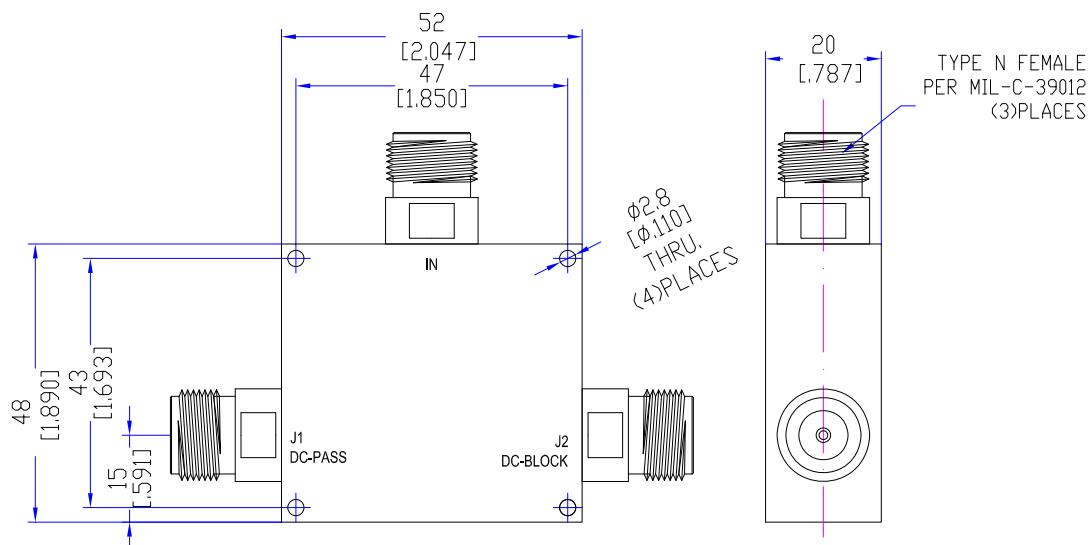
### Schematic



### Function

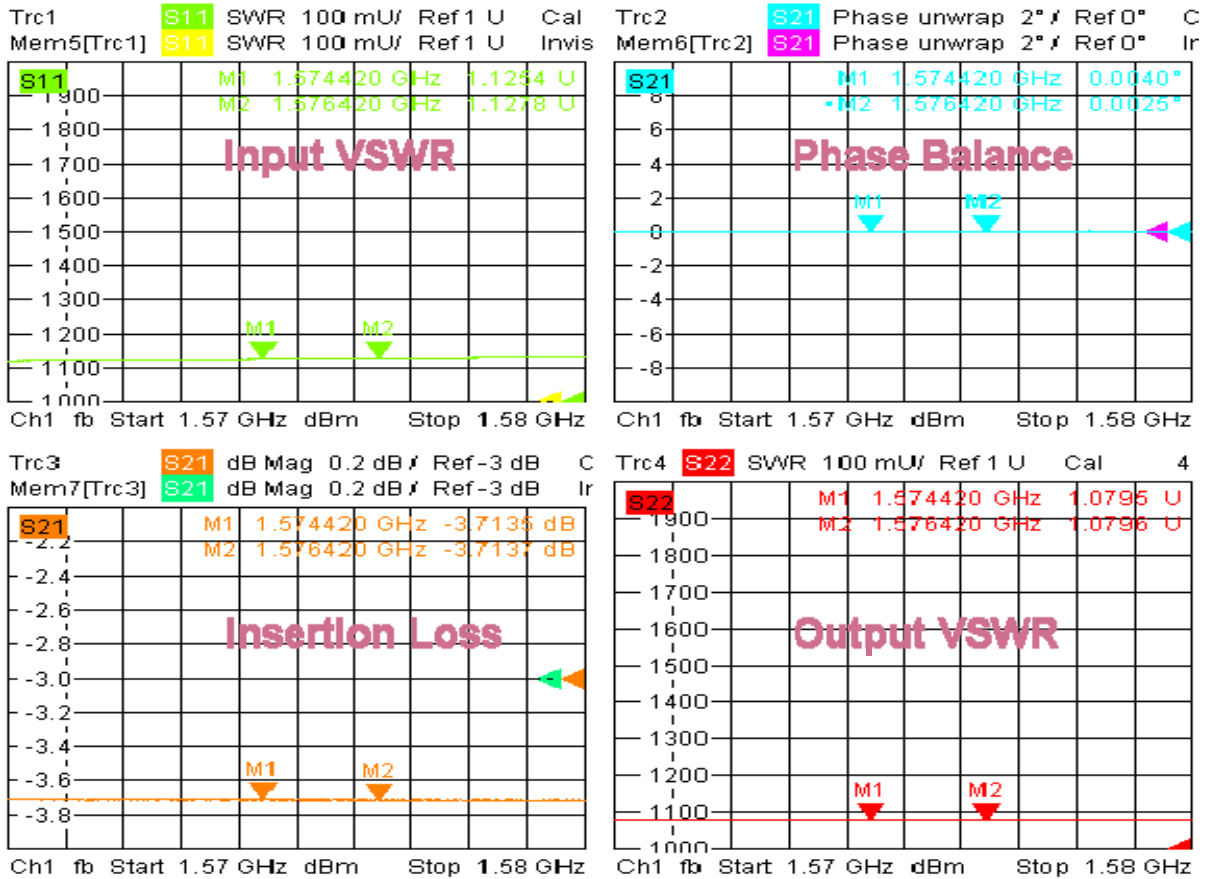
2-way, GPS signal splitter; DC pass 1 port, DC block 1 port w/200Ω load.

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



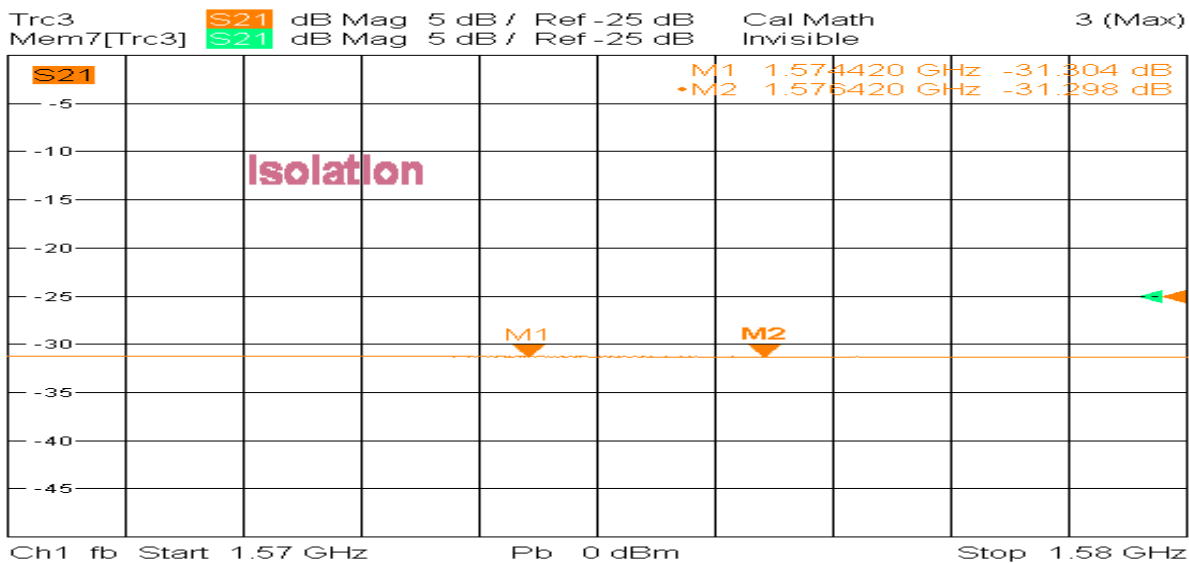
## Typical Performance

### 1. Insertion Loss, Amplitude & Phase Balance, VSWR



3/4/2019, 11:42 AM

### 2. Isolation



3/4/2019, 12:01 PM

