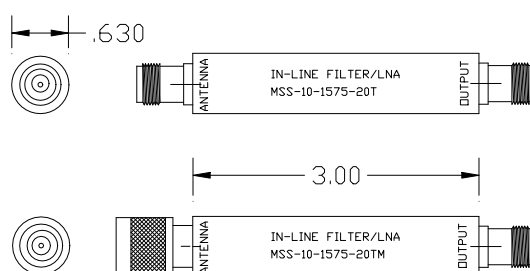




**IN-LINE**  
**GPS Filter/LNA**  
**MSS-10-1575-20T**



**Performance @ 25°C**

|  | Minimum                               | Typical | Maximum |
|--|---------------------------------------|---------|---------|
| Frequency, MHz                                       | -                                     | 1575.42 | -       |
| Gain, dB   | 20                                    | 25      | -       |
| 1 dB Band Width, MHz                                 | 20                                    | -       | -       |
| Filter Rejection ±75 MHz                             | 25 dB                                 | -       | -       |
| Filter Rejection ±140 MHz                            | 35 dB                                 | -       | -       |
| Noise Figure, dB                                     | -                                     | 3.3     | 3.8     |
| Reverse Isolation, dB                                | -40                                   | -50     | -       |
| Input Power, dBm                                     | -                                     | -       | -25     |
| Input VSWR   | -                                     | 1.5:1   | -       |
| Output VSWR  | -                                     | 1.7:1   | -       |
| DC Voltage, Volts<br>DC Voltage is passed to Antenna | +5                                    | -       | +15     |
| DC Current, mA                                       | -                                     | 12      | 15      |
| Operating Temperature                                | 0°                                    | -       | +65°C   |
| Storage Temperature                                  | -40°                                  | -       | +85°C   |
| RF Connectors  | Type "TNC" Female/Male                |         |         |
| Size, inches   | 3.00" x 0.630" dia. (Less Connectors) |         |         |