



# RingAnt-DMT

GNSS Antenna



Reference Station antenna with choke ring RingAnt-DMT employs unique Vera-Phase® technology from Tallysman. RingAnt-DMT can track GPS, GLONASS, GALILEO, BEIDOU, QZSS, IRNSS, and SBAS signals.

The RingAnt-DMT antenna is designed for highly efficient multipath reduction and is recommended for use in GNSS reference networks, infrastructure monitoring, high precision geodetic surveying, or machine control applications.



**SIGNAL**

Capability	GPS L1/L2/L5 GLONASS L1/L2/L3 GALILEO E1/E2/E5ab/E6 BEIDOU B1/B2/B3 WAAS L1/L5, EGNOS, MSAS, GAGAN QZSS L1/L2/L5/L6 IRNSS L5
Frequency	1559~1606MHz 1160~1300 MHz

**ELECTRICAL**

Antenna Gain	8.0 dBic typ. at Zenith
Axial Ratio	0.3 dB max. at Zenith 3.5 dB max. at 10°
Output Impedance	50 Ohm
VSWR	1.5 : 1
LNA gain	50 dB
Noise Figure	2.0 dB
DC voltage	2.7~24.0VDC 45mA

**ENVIRONMENTAL**

Operating Temperature	-55°C ~ +85°C
Storage Temperature	-55°C ~ +95°C
Humidity	IP 67
Mechanical Vibration	MIL-STD-810E - Method 514.5
Salt Fog	MIL-STD-810G - Method 509.6

**MECHANICAL**

Antenna type	Omnidirectional, hemispherical
Connector	N-type
Weight	5.4 kg
Dimensions	Ø 378 mm; H=150.8 mm
Enclosure	SCIGN compatible
Mounting	5/8-11 inches TPI