

PLUS ASSET TAG

The PLUS Asset Tag is a compact Ultra Wideband (UWB) transmitter designed for locating assets as part of the PLUS Real-Time Location System (RTLS). The horizontally oriented asset tag features a radiation beam pattern from the top of the tag, an IP 51 ingress protection rating to provide protection against dust and liquids, and is available in a 1 Hz or 4 Hz version.

SPECIFICATIONS

DIMENSIONS

13mm x 36mm x 33mm
0.5 in x 1.4 in x 1.3 in

WEIGHT

22 g (0.74 oz)

BATTERY LIFE/TYPE

1 Hz Update Rate – 6.6 years
4 Hz Update Rate – 3.1 years
Lithium Manganese Dioxide
(non-replaceable)

INGRESS PROTECTION

IP 51 (dust resistant, limited water resistance)

RF EMISSIONS

Center frequency 6.6 GHz

TEMPERATURE

Operating: -20°C to +55°C
Storage: -30°C to +60°C

HUMIDITY

Up to 95%, noncondensing

FCC CERTIFICATION

FCC 15.250 certified
FCC ID: NUF-P350-1006

SAFETY CERTIFICATION

ETL Certification (UL60950)

PART NUMBERS

1000T01 – 1 Hz Update Rate
1024T01 – 4 Hz Update Rate

TAG BEAM PATTERNS

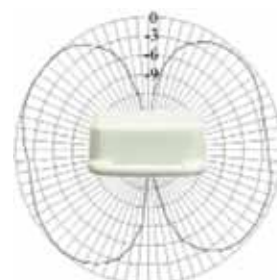


AZIMUTHAL PATTERN



ELEVATION BEAM PATTERN 1

(cut through long face of tag)



ELEVATION BEAM PATTERN 2

(cut through short face of tag)

FOR MORE INFORMATION

TIME DOMAIN®

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