

goTenna PRO EMBEDDED MODULE

Spec Sheet

General Specifications	
Module Dimensions (LxWxD)	1.34 x 1.25 x 0.1 in / 3.40 x 3.17 x .25 cm
Weight	.35 oz / 10 g
Mesh Networking	
Mesh Networking Protocol	Aspen Grove™
Hop Limit	6
Payload Size	235 Bytes Max
Transceiver	
VHF Frequency	142 to 175 MHz
UHF Frequency	445 to 480 MHz
Channel Bandwidth	6.25 kHz, 12.5 kHz, 25 kHz
Frequency Stability (-30°C, +60°C, +25°C Ref)	2.5 ppm
Sensitivity (1% BER, 6.25 kHz)	-116 dBm
Sensitivity (1% BER, 25 kHz)	-107 dBm
Power Output	0.5 - 5.0 W (27 - 37dBm)
Modulation	4GFSK
Environmental	
Operating Temperature	-20 to 60 C
Storage Temperature	-30 to 60 C
Interfaces	
Antenna Port	U.FL
Data Connection	SPI with GPIOs

