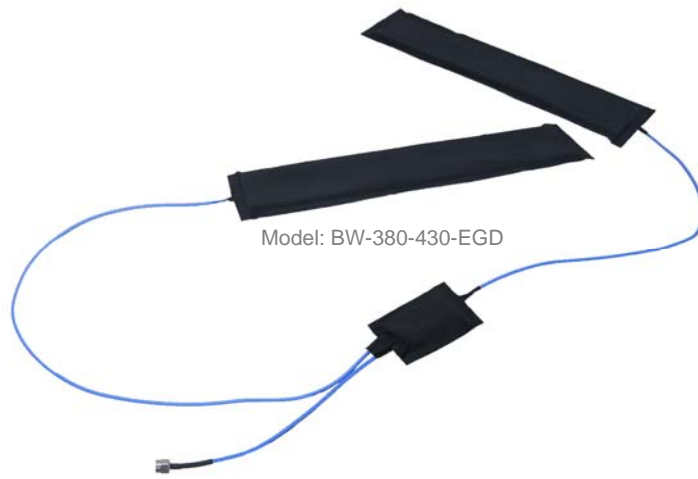


## TETRA Wearable Antenna – Enhanced Gain



### Features and Benefits

- TETRA wearable antenna
- Waterproof cover
- Flexible material
- Unobtrusive – does not hinder vision or movement
- Small and lightweight
- Covert
  - Can be worn under clothing

The **octaneWIRELESS** wearable line of TETRA antennas is the ideal antenna solution for soldiers engaged in urban and combat missions. This body wearable antenna is fabricated using a state-of-the-art, thin flexible material that conforms to the exterior of body armor or tactical vests. The lightweight, unobtrusive design, and flush mounting provide the most combat friendly alternative to stub or whip antennas. TETRA link performance is maintained without hindering the soldier's vision or movement. The spatially diverse antenna system enhances link performance compared to traditional rubber ducky antennas. The standard SMA connector allows these antennas to easily connect to standard TETRA radios. The unsurpassed range and coverage performance of the **octaneWIRELESS** wearable antenna make it the preferred choice for TETRA applications.



### Integrated with Armor Vest

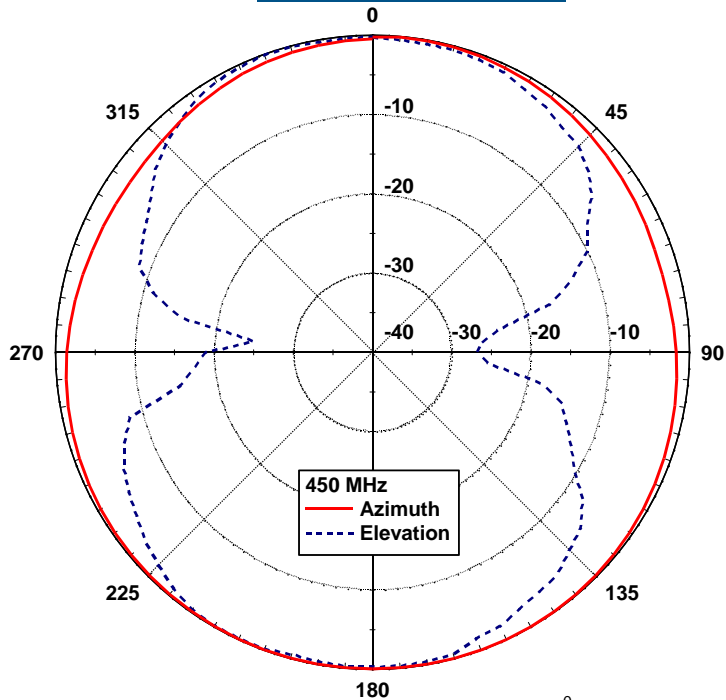
## Characteristics

Frequency	380-450 MHz
Efficiency	> 85%
Gain	2 dBi
Maximum Power	5 Watts
Pattern	Near omni
Polarization	Vertical
VSWR	< 2.5:1
Radiator Size (L x W x D)	12.0" x 2.5" x 0.3"
Cable Length	24"
Radiator Weight	< 2 ounces
Connector Type	SMA, other

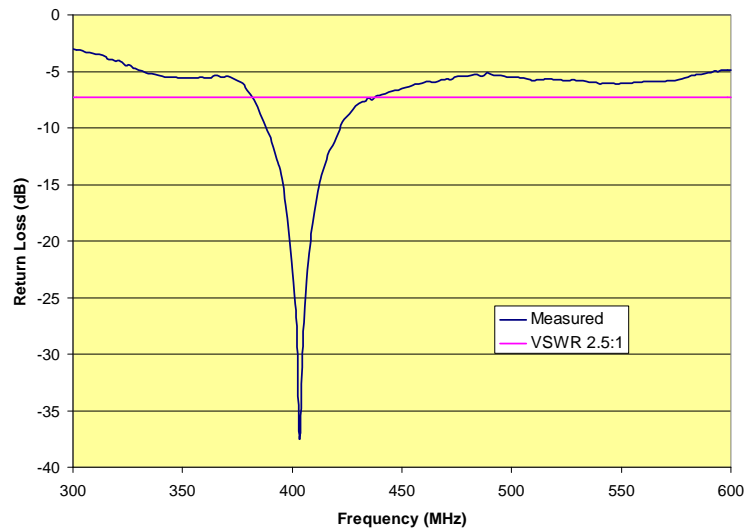
## Model Numbers

BW-380-450-EGD    Enhanced Gain

## Radiation Pattern



## Typical Return Loss



This antenna is intended for occupational use only to satisfy FCC RF energy exposure requirements. This Octane Wireless antenna has been designed to comply with the IEEE (FCC) exposure limits for occupational/controlled RF exposure environments at usage factors of up to 50% talk-50% listen for military radios transmitting up to 5 W power at 435 MHz.