

900 MHz ISM Wearable Antenna



Features and Benefits

- 900 – 1000 MHz Wearable Antenna
- Waterproof cover
- Flexible material
- Unobtrusive
- Small and lightweight

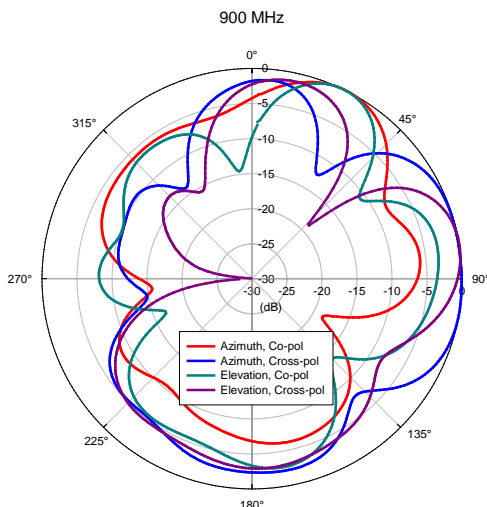
Pharad's *octane*[®] wearable antennas are the best performing small form factor antennas for 900 MHz ISM operation. This body-worn antenna is fabricated using a state-of-the-art thin flexible material that conforms to the user's clothing. The unique form factor of this antenna is made possible by incorporating Pharad's patented *Flextenna*[®] flexible antenna technology. The lightweight, unobtrusive design and flush mounting provide the user a friendly alternative to stub or whip antennas. Communications link performance is maintained without hindering the user's vision or movement. *octane*[®] also offers a body worn antenna product that adds spatial diversity and further enhances link performance. The standard SMA connector allows these antennas to easily connect to various ISM equipment.

Characteristics

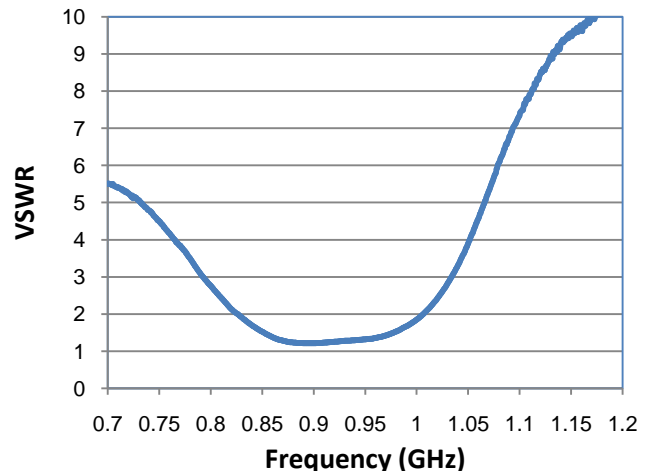
Model Number	BW-900-1000
Frequency	900 – 1000 MHz
Gain[†]	0 dBi
VSWR[†]	< 2:1
Nominal Impedance	50 ohms
Pattern	Near omni-directional
Polarization	Vertical
Radiator Size (L x W x D)	3.0" x 3.5" x 0.4"
Cable Length	16.5"
Radiator Weight	0.8 oz
Standard Connector Type	SMA, other

[†]Measurements done on phantom as surrogate body.

Radiation Pattern[†]



VSWR[†]



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797 Cromwell Park Drive, Suite V • Glen Burnie, MD 21061 • phone 410-590-3333 • fax 410-590-3555 • www.octanewireless.com