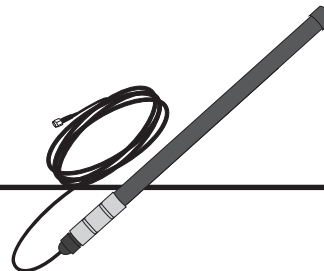


# EnviroMonitor Long Range Antennas

7676  
7678



Long-Range Omni Antennas can be installed in conjunction with EnviroMonitor Gateways and Nodes to transmit data over greater distances than the internal dipole antenna. Can be used Node-to-Node and Node-to-Gateway.

The 7676 Long Range Antenna is a standard 5 dBi omni-directional antenna; the 7678 Long Range Antenna is a standard 8 dBi omni-directional antenna. Both come equipped with an integrated Reverse Polarity SMA Male Connector which connects to the Gateway or Node.

Note: Customers outside the US and Canada are responsible for procuring their own long-range antennas that comply with local regulations.

## Specifications

Operating Temperature . . . . . -40° to +140°F (-40° to +60°C)  
Storage Temperature . . . . . -40° to +140°F (-40° to +60°C)  
7676 Dimensions (not including cable or mounting bracket)  
Diameter . . . . . 1.0" (25 mm)  
Length . . . . . 21.00" (533 mm)  
Weight . . . . . 0.56 lbs. (0.25 kg)  
7678 Dimensions (not including cable or mounting bracket)  
Diameter . . . . . 1.0" (25 mm)  
Length . . . . . 49.25" (1250 mm)  
Weight . . . . . 0.94 lbs. (0.43 kg)  
Transmit/Receive Frequency . . . . . 902 - 928 MHz  
Gain  
7676 . . . . . 5 dBi  
7678 . . . . . 8 dBi  
VSWR . . . . . ≤1.5  
Input Impedance . . . . . 50 Ohms  
Polarization . . . . . Vertical  
Vertical Beam width  
7676 . . . . . 60 degrees  
7678 . . . . . 17 degrees  
Housing Material . . . . . Gray Fiberglass  
Cable . . . . . LMR 240 with RP SMA connector  
Connector Cable Length . . . . . 60' (1.5 m)

## Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
7676	22.75" x 3.28" x 1.25" (578 mm x 114 mm x 32 mm)	1.10 lbs. (0.50 kg)	011698 01407 1
7678	50.50" x 3.50" x 1.25" (1283 mm x 89 mm x 32 mm)	1.68 lbs (0.76 kg)	011698 01408 8