Digital Intercom System
Part No. 40688G-96
Remote Antenna Kit

The 40688G-96 Remote Antenna Kit consists of a robust N-type, multi-band, true field diversity antenna and a turnkey coaxial cable assembly for quick and simple installation for 9100 or 9900 Series Wireless Gateways.

The antenna's true field diversity design ensures uninterrupted transmissions in urban canyons and rural drop-off areas, and counteracts signal fading in reflective or mobile environments.

P/N: 40688G-96

- *Solid construction; direct injection-molded ABS material surrounding solid brass insert and all silver soldered joints*
- *Specified by public safety, military, utility and transportation providers and installed on Apache, Black Hawk and Chinook helicopters and Humvee and Bradley military vehicles around the world.*

ANTENNA (N-type)	
Frequency Range/Band	Antenna Gain (Peak)
806-896MHz/Cellular/iDEN	5.9 dBi
890-960MHz/GSM Europe	5.8 dBi
1575.42MHz/GPS	5.1 dBi
1710-1880MHz/1700 AWS; DCS Europe	4.2 dBi
1850-1990MHz/PCS	4.2 dBi
1900-2170MHz/UMTS	4.2 dBi
2110-2155MHz/1700 AWS	4.4 dBi
2.4-2.5GHz/WiFi	3.0 dBi

SPECIFICATIONS	
Impedance	50 ohm
Antenna Gain (Peak)	3dB-MEG
Radiation	Omni
Polarization	Cross Polarized
Ground Plane	Metal Ground Plane Required (6.5" diameter)
Height	2.3" (3.15" including mount)
Width	1.438"
Color	Black
Mount	Permanent (metal surface)
Connector	N/Female

17 ft. ATX-195 COAXIAL CABLE ASSEMBLY
RP-SMA Connector for Gateway connection, one end
N-male connector for antenna connection, other end
Center conductor: solic BC
0.195"O.D., black polyethylene outer cable jacket
Nominal cable capacitance: 24.3 pF/ft
Nominal impedance: 50.0 ohm
Nominal velocity of propagation: 85%
Attenuation 150MHz per 100 ft.: 4.40 dB
Attenuation 450MHz per 100 ft.: 7.80 dB
Attenuation 900MHz per 100 ft.: 11.10 dB

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