Basic Site Installation Components

AURA NETWORKS
MICHAEL GAGNE



Equipment Cabinet (Indoor)



Unit Dimensions (hwd / in.) 49 H x 23.63 W x 43L Unit Weight (lbs.) 195 + AURA equipment

Weight Capacity - Rolling (lbs.) 2250 Weight Capacity - Stationary (lbs.) 3000

Rack Depth Standard

Antenna(s)

DB404-B
Dimensions
Length 1524.0 mm
60.0 in
Net Weight, without
mounting kit 6.4 kg
14.1 lb



DB408-B
Dimensions
Length 2870.2 mm |
113.0 in
Net Weight, without
mounting kit 7.7 kg |
17.0 lb





Dimensions

5.0" H x 3.2" D (126 H x 81 mm)

Weight

0.6 lbs (0.3 kg)

GPS-TMG-HR-26NCM

COAX, Jumpers and Connectors



AVA5-50, HELIAX® Andrew Virtual Air™ Coaxial Cable, corrugated copper, 7/8 in, black PE jacket (Halogen free jacketing non-fire-retardant)

AVA-50 COAX is for DB404-B and DB408-B Antenna



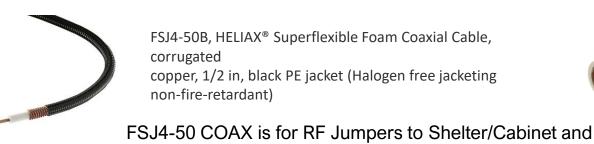
N Male for 7/8 in AVA5-50 and AVA5-50FX cable

78EZNM to Shelter/Cabinet



N Female for 7/8 in AVA5-50 and AVA5-50FX cable

78EZNF on Tower



FSJ4-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/2 in, black PE jacket (Halogen free jacketing non-fire-retardant)



Tupe N Male for 1/2 in FSJ4-50B cable

Connector for Jumpers and GPS



to GPS Antenna



RG58 20' Jumper with SMA and N type connector for GPS between Radio and Surge Arrestor

Surge Arrestors (Lightning Protection)



POLYPHASER 10-1000 MHz general coverage bulkhead mnt. protector. 50,000 amps surge. 220uJ throughput energy. Power based on freq. N male on equipment port. Used on the RF Antenna lines between 7/8" Coax and ½" Jumper



POLYPHASER GPS+06NFF GPS Lightning Protection - DC Pass Surge Arrestor. N-Type Female, 1.2 GHz to 1.6 GHz. Used on GPS line between RG58 Jumper and ½" Coax to GPS antenna

Radio and Electronics



The versatile, high performance **Mars Radio Hardware Platform** is capable of operating all Ondas Radio Software Applications including the IEEE 802.16s and 802.16e air interface protocols and operation as a Base Station with a 100W amplifier



Rack Mounted Computer for data storage, operation and maintenance



Router/Switch. May have LTE Modem for Connectivity and Management







Uninterruptable Power Source (UPS) to control voltage quality and power backup to the system

Remote controlled Power Distribution Unit (PDU) to remotely power control devices.

Temperature, Environmental Monitoring