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SPECIFICATIONS

FREQUENCY: 240 TO 400 MHZ
VSWR: 1.5:1 OR LESS
IMPEDANCE: 50 OHMS
POLARIZATION: RIGHT HAND CIRCULAR
GAIN (Nominal):
- AV 2040-3: 10.29 dBi (240 TO 400 MHZ)
- AV 2040-1: +.6 dBic (240 TO 400 MHZ)
- AV 2040-2: -10.0 dBic (240 TO 310 MHZ)
AXIAL RATIO: 3 DBM MALE & 3 DBF BEAMWIDTH
WEIGHT: 0.3 LBS MAX
WIND LOADING: Tension Test 10 MPH
TEMPERATURE: OPERATING -25 TO 100 DEGREES F
NON-OPERATING -45 TO 250 DEGREES F
DEPLOYMENT: 30 SECONDS OR LESS
DROP TEST: OPERATION IS NOT DEGRADED WHEN DROPPED FROM A HEIGHT OF 4 FT IN A STORED CONFIGURATION.
IMMERSION: OPERATIONAL AFTER IMMERSION IN POOL (4) FEET OF WATER FOR A PERIOD OF FOUR (4) HOURS.
FINISH: BLACK COLOR

NOTES:
1.0 The AV 2040 series antenna system is an enhanced version of currently available portable UHF Satellite communication antenna. In its basic configuration, the AV 2040 series is deployed and stored in a manner similar to the 5995-01-098-5418, 5995-01-200-9911, and 5995-01-149-2578 antennas but with superior performance characteristics. In its enhanced configuration, two (2) director assemblies are added to provide a nominal gain of +9 or +11 dBi, a +4 dBi nominal gain improvement over existing designs. No tools are required for deployment. All assemblies can be stored in a standard carrying case (4.75" x 12.01"). 2.0 The AV 2040 antennas are tested in accordance with Trivec-Avant Corporation ATP2040.