

**Model Number:** ASP1810MA**NPFR:** ---**Description:** ROOF MOUNT QUARTER WAVE MOBILE ANTENNA**Eng. Approval:** Robert Truthan 9-8-03**P.M. Approval:** Carol Broniman 9-8-03**Revision:** A**ECN/EWO:** L089F**Product Code:** 4000**ELECTRICAL SPECIFICATIONS****Frequency Range:** 132-960 MHz**VSWR:** 1.5:1**Minimum Bandwidth:**

±3 MHz @1.5:1 (132-174)

±10 MHz @1.5:1 (406-512)

±20 MHz @1.5:1 (800-960)

**Power Rating (CW):** 60 Watts (125 Watts intermittent)**Input Impedance:** 50 Ohms**Polarization:** Vertical**Gain:** Unity**H-PLANE HPBW:** Omnidirectional**MECHANICAL SPECIFICATIONS****Mount Type:** Rooftop**Mounting Diameter:** 3/4 in. (19.05 mm)**Max-antenna Length:** 22.4 in. (568.96 mm) as supplied  
20.7 in. (525.78 mm), @ 132 MHz.**Whip Material:** 302 Stainless Steel**Whip Diameter:** .062 in. (1.58 mm)**Connector:** TNC Male and Male Mini-UHF connectors  
supplied unattached**Cable:** 15 ft. PRO-FLEX™ PLUS**Shipping Data****Shipping Weight:** Individual bag, 11.2 oz. (323.18 grams)**Packaging:** Individually bagged units approximately 4.5" x 26"  
x 2" thick.**SHIPPING DIMENSIONS (Master Carton, containing 20  
bagged units):**

8.75 in. x 7.063 in x 28.5 in

225.425 mm x 179.4 mm x 723.9 mm

**OPERATING PRINCIPLES:**

1/4 wave antenna

Ground plane is required.

**NOTES:****Status:** RELEASED

