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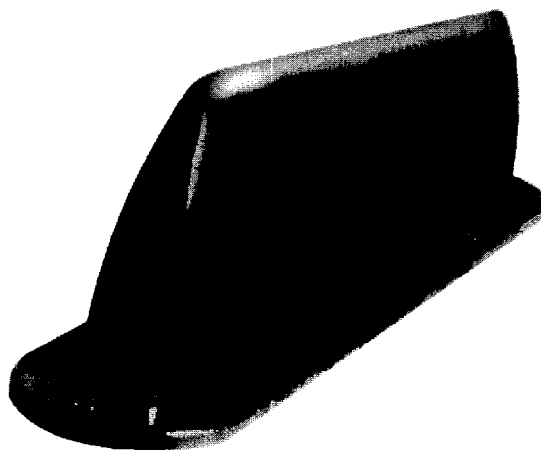
MOBILE SATELLITE

LOW PROFILE SILHOUETTE ANTENNA

FOR ORBCOMM LEO SYSTEM

Models: ASP-574ORB and ASP-574ORBGPS

- **No Field Tuning Required** – double tuned to both transmit and receive frequencies
- **Durable** – high impact molded white radome assures long, reliable performance as well as inclement weather protection
- **High Performance** – when mounted on a flat surface, maximum radiation is vertical and omnidirectional
- **Versatile** – ideal for transit buses and trains, police cars, and construction equipment *Minimum 12 square inch (30.4 cm) ground plane required for best performance*



Cable options

Model	Length		Description
	Feet	Meters	
K-301T	10	3.0	PRO-FLEX™ cable, one N male, one TNC male
KAV303T*	15	4.6	PRO-FLEX™ PLUS cable, one mini-UHF male on cable, one TNC male loose
K-304T*	10	3.0	RG-58/U cable, one N male, one TNC male
K-305P	20	6.1	RG-58/U cable, BNC male on one end, UHF male (PL-259) loose

* Available until depleted

ALTLIS 00036



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Models: ASP-574ORB and ASP-574ORBGPS

Specifications

	ASP-574ORB	ASP-574ORBGPS
Electrical		
Power	10 watts	10 watts (VHF)
Frequency Range		
Receive:	137-138 MHz	137-138 MHz
Transmit:	148-150 MHz	148-150 MHz
GPS:	-	1575 MHz
VSWR		
137-138 MHz	≤2:1	≤2:1
148-150 MHz	≤3:1	≤3:1
1575 MHz	-	≤2:1
Gain	Unity	Unity (VHF) 27 dB typical (GPS, including LNA)
Impedance	50 Ohms	50 Ohms
Front to Back Ratio	10 dB	10 dB (VHF)
Polarization	Vertical	Vertical (VHF) RHCP (GPS)
E-plane Beamwidth	75° ±5°	75° ±5° (VHF)
H-plane Beamwidth	85° ±5°	85° ±5° (VHF)
Mechanical		
Radome Material	White, high impact molded ASA	White, high impact molded ASA
Height	4.1 inches (10.4 cm)	4.1 inches (10.4 cm)
Length	17 inches (42.9 cm)	17 inches (42.9 cm)
Width	3.25 inches (8.3 cm)	3.25 inches (8.3 cm)
Mounting Hardware	Screws and weatherproof neoprene foam gasket supplied	Screws and weatherproof neoprene foam gasket supplied
Connector	TNC female	TNC female (VHF) BNC female (GPS)
Cable	Not supplied	Not supplied
Shipping Weight	1.7 lbs (0.77 kg)	2.1 lbs (0.95 kg)
Shipping Dimensions	20.5 x 3.7 x 5.3 inches (52.1 x 9.4 x 13.5 cm)	20.5 x 3.7 x 5.3 inches (52.1 x 9.4 x 13.5 cm)



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