

Product List

August 2007







External MARS Reader Antennas



Specification:

Supported standard: ISO/IEC 1800 Part 3 Mode 2
 Operating frequency: 13.56 MHz
 Command data rate: 423.75 kbit/s
 Reply rate: 105.9 kbit/s per channel or 848 kbit/s on 8 channels
 Identification rate: Up to 1,200 per second (reader dependent)
 Antenna connection cable: 1.5m, 8.7m
 Operating environment: Indoor use
 Temperature range: +10°C to + 45°C
 Humidity: 10% to 80% (non condensing)
 ROHS compliant
 CSA/UL certified
 Customer provides antenna mounting and enclosure for PCB antennas

Single Axis Antennas

Magellan Sales Code	Description	
031-70-017-ASY	Single axis, round, 60 mm inner antenna coil diameter, 85 mm overall diameter, thickness 0.8 mm	
031-70-014-ASY	Single axis, round, 124 mm inner antenna coil diameter, 160 mm overall diameter, thickness 0.8 mm	
031-70-016-ASY	Single axis, rectangular, 60 x 420 mm inner antenna coil, 88 x 448 mm overall dimensions, thickness 0.8 mm	
031-70-015-ASY	Single axis, rectangular, 120 x 240 mm inner antenna coil, 158 x 277 mm overall dimensions, thickness 0.8 mm	
031-70-003-ASY	Single axis, rectangular, 150 x 240 mm inner antenna coil, 187 x 277 mm overall dimensions, thickness 0.8 mm	
031-70-013-ASY	Single axis, rectangular, 202 x 352 mm inner antenna coil, 250 x 400 mm overall dimensions, thickness 3.2 mm	

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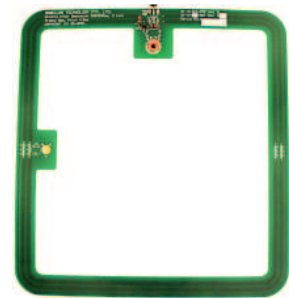
031-70-012-ASY

Single axis, rectangular,
202x352 mm inner antenna coil,
250x400 mm overall dimensions,
thickness 0.8 mm



031-70-009-ASY

Single axis, rectangular,
308 x 330 mm inner antenna coil,
343 x 365 mm overall dimensions,
thickness 0.8mm



Dual Axis Antennas

Magellan Sales Code

Description

031-70-000-ASY

Dual axis, rectangular,
540 x 228 mm overall dimensions,
thickness 3.2mm
(12 Tube Chip Tray)



031-70-006-ASY

Dual axis, rectangular,
639 x 217 mm overall dimensions,
thickness 3.2mm
(14 Tube Chip Tray)



031-70-005-ASY

Dual axis, rectangular,
685 x 228 mm overall dimensions,
thickness 3.2mm
(15 Tube Chip Tray)



031-70-002-ASY

Dual axis, rectangular,
540 x 228 mm overall dimensions,
thickness 0.8mm
(12 Tube Chip Tray)



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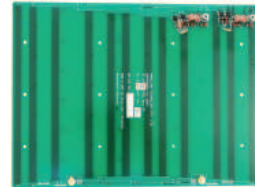
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External MARS Reader Antennas



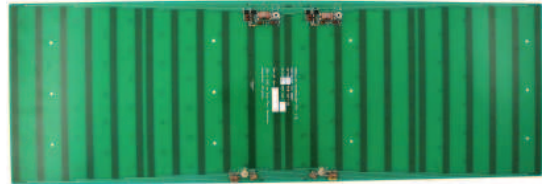
031-70-007-ASY

Dual axis, rectangular,
334 x 250 mm overall dimensions,
thickness 0.8mm
(small Book Shelf Antenna)



031-70-008-ASY

Dual axis, rectangular,
760 x 250 mm overall dimensions,
thickness 0.8mm
(large Book Shelf Antenna)



Special Antennas & Accessories

Magellan Sales Code

Description

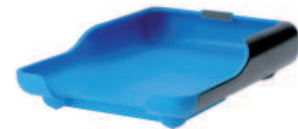
MDOCA-2505(G)
054-70-008-ASY

Document Tray Antenna green



MDOCA-2505(B)
054-70-010-ASY

Document Tray Antenna blue



MPA-5050
064-80-000-ASY

Panel Antenna 5050 - indoor



064-50-011

Ferrite Antenna Shield - 202mm x 352mm



098-16-000-FTI

Ferrite Tile 65x78x3mm



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External MARS Reader Antennas



Tuning Kit
025-32-000-ASY

Antenna Tuning Kit



098-22-002-CBL

RCA Antenna cable 1.5m



098-22-034-CBL

RCA Antenna cable 8.7m



Magellan reserves the rights to change its product design, specifications and product range without notice at any time.

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