

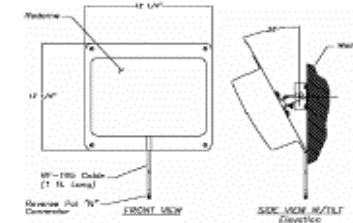
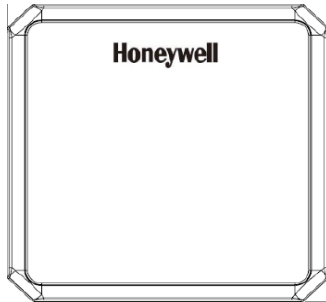
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| Test Status | Part Number | Model, Supplier Part Number     | Description            | Gain (dBi)* | Cable Loss (dB) | System Gain (dBi) |
|-------------|-------------|---------------------------------|------------------------|-------------|-----------------|-------------------|
|             | 805-859-001 | IA40A, Laird PAR86518H-HN1      | Panel RCP              | 5.5         | 2.4             | 3.1               |
| T           | 805-609-001 | IA33A, Cushcraft SP9028PC156RSM | Patch RCP              | 4.0         | 0               | 4.0               |
|             | 805-623-002 | IA39D, Kathrein 25-278          | Patch LCP              | 5.0         | 2.4             | 2.6               |
| T           | 805-626-001 | IA36B, Kathrein 25-578          | Patch, Linear          | 6.0         | 2.4             | 3.6               |
|             | 805-629-001 | IA33C, Mobile Mark PN10-915RCPI | Panel RCP              | 7.0         | 2.4             | 4.6               |
|             | 805-654-001 | IA33G, Huber Suhner 84024995    | Panel RCP              | 5.5         | 2.4             | 3.1               |
|             | 805-654-002 | IA34A, Huber Suhner 84024996    | Panel LCP              | 5.5         | 2.4             | 3.1               |
|             | 805-655-001 | IA33H, Huber Suhner 84024999    | Panel RCP              | 7.0         | 2.4             | 4.6               |
|             | 805-655-002 | IA34B, Huber Suhner 84025000    | Panel LCP              | 7.0         | 2.4             | 4.6               |
|             | 805-816-002 | IA33E, Cushcraft S9026XR1RRN    | Patch RCP              | 3.0         | 2.4             | 0.6               |
| T           |             | - , MTI MT-242044/N/K           | Panel, Linear          | 8.0         | 2.4             | 5.6               |
|             | -           | - , Huber Suhner 1309.17.0085-X | Panel, Linear          | 8.0         | 2.4             | 5.6               |
|             | -           | - , Huber Suhner 1309.17.0089-X | Panel RCP              | 4.5         | 2.4             | 2.1               |
| T           | -           | - , Huber Suhner 1309-56-0001-X | Panel RCP              | 8.0         | 2.4             | 5.6               |
|             | -           | - , Huber Suhner 1309-57-0087-X | Panel RCP              | 7.0         | 2.4             | 4.6               |
|             | -           | - , Mobile Mark PN7-915I-FL     | Panel RCP              | 4.0         | 2.4             | 1.6               |
|             | -           | - , Mobile Mark EDN 191-1550    | Panel RCP              | 4.0         | 2.4             | 1.6               |
|             | -           | - , Kathrein 520 10087          | Panel RCP              | 7.5         | 2.4             | 5.1               |
|             | -           | - , Kathrein 520 10073          | Panel RCP              | 5.2         | 2.4             | 2.8               |
|             | -           | - , Kathrein 520 10092          | Patch CP               | -30.0       | 2.4             | -32.4             |
| T           | -           | - , NeWave Wave-N7              | 7ft. Multi-Axis Dipole | 5.5         | 2.4             | 3.1               |
|             | -           | - , NeWave Wave-N5              | 5ft. Multi-Axis Dipole | 4.5         | 2.4             | 2.1               |
|             | -           | - , NeWave Wave-N3              | 3ft. Multi-Axis Dipole | 3.0         | 2.4             | 0.6               |
|             | -           | - , Mobile Mark BP6-915RCPI     | Panel RCP              | 2.5         | 2.4             | 0.1               |
|             | -           | - , Laird S9025P                | Panel RCP              | 2.5         | 2.4             | 0.1               |
|             |             | - , Laird PA9-12                | Panel, Linear          | 12.0        | 2.4             | 9.6               |
| T           |             | - , MTI MT-263006/S/E           | Panel, Linear          | 12.5        | 2.4             | 10.1              |

-X = blank or A, B, C... pricing code

|     |                               |
|-----|-------------------------------|
|     | * CP gain dBiC = dBi + 3      |
| CP  | circular polarized            |
| RCP | right hand circular polarized |
| LCP | left hand circular polarized  |

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| Part Number            | 805-859-001                                       | 805-609-001                                       | 805-623-002                                                                                                                  | 805-626-001                                                                                                                  | 805-629-001                                       |
|------------------------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Proposed Intermec M/N  | IA40A                                             | IA33A                                             | IA39D                                                                                                                        | IA36B                                                                                                                        | IA33C                                             |
| Description            | IA40A: 915, 8.5dBic, RHC Pol, N                   | IA33A: 915, 7dBic, RHC Pol, SMA (RP)              | IA39D: 915, 8 dBic, Cir Pol, N (RP)                                                                                          | IA36B: 915, 6dBi, Vert Pol, N (RP)                                                                                           | IA33C: 915, 10 dBic, CP, N (RP)                   |
| Frequency Range        | 865 - 956 MHz                                     | 902 - 928 MHz                                     | 865-928 MHz                                                                                                                  | 865-928 MHz                                                                                                                  | 902 - 928 MHz                                     |
| Ant.-cable System Gain | 3.1 dBi                                           | 4 dBi                                             | 2.6 dBi                                                                                                                      | 3.6 dBi                                                                                                                      | 4.6 dBi                                           |
| Gain                   | 5.5 dBi linear                                    | 4 dBi linear                                      | 5 dBi linear                                                                                                                 | 6 dBi linear                                                                                                                 | 7 dBi linear                                      |
| Impedance              | 50 Ohms                                           | 50 Ohms                                           | 50 Ohms                                                                                                                      | 50 Ohms                                                                                                                      | 50 Ohms                                           |
| VSWR                   | 1.5:1                                             | 1.5:1                                             | <1.3:1                                                                                                                       | <1.5:1                                                                                                                       | 1.5:1                                             |
| Axial Ratio            | 2 dB Typical                                      | 2 dB                                              | 3 dB                                                                                                                         | N/A                                                                                                                          |                                                   |
| Polarization           | Cicular, RH                                       | Cicular, RH                                       | Circular, LH                                                                                                                 | Patch                                                                                                                        | Circular, RH                                      |
| Front-to-Back Ratio    | 20 dB                                             | 18 dB                                             | > 20 dB                                                                                                                      | >20 dB                                                                                                                       | 20 dB                                             |
| Maximum Input Power    | 3W                                                | 1 Watt                                            | 100 Watts (at 50°C)                                                                                                          | 100 Watts (at 50°C)                                                                                                          | 20 Watts                                          |
| H-Plane Beamwidth      | 65 degrees at 3 dB                                | 65 degrees at 3 dB                                | 60 degrees (half power)                                                                                                      | 90 degrees (half power)                                                                                                      | 56 degrees                                        |
| E-Plane Beamwidth      | 65 degrees at 3 dB                                | 65 degrees at 3 dB                                | 55 degrees (half power)                                                                                                      | 70 degrees (half power)                                                                                                      | 56 degrees                                        |
| Connector              | N-Female                                          | SMA Reverse Polarity                              | N Reverse Polarity                                                                                                           | N Reverse Polarity                                                                                                           | N Reverse Polarity                                |
| Cable Length           | N/A                                               | 156 Inches                                        | N/A                                                                                                                          | N/A                                                                                                                          | 1 Foot                                            |
| Weight                 | 0.86 kg (1.89 lbs)                                | 0.57 kg (1.25 lbs)                                | 1.7 kg (3.8 lbs)                                                                                                             | 1.5 kg (3.3 lbs)                                                                                                             | 1.36 kg (3.0 lbs)                                 |
| Dimensions             | 259 mm x 259 mm x 34 mm<br>(10.2" x 10.2" x 1.3") | 259 mm x 259 mm x 38 mm<br>(10.2" x 10.2" x 1.5") | 310 mm x 262 mm x 59 mm<br>(12.2" x 10.3" x 2.4")                                                                            | 262 mm x 155 mm x 49 mm<br>(10.3" x 6.1" x 1.9")                                                                             | 318 mm x 318 mm x 89 mm<br>(12.5" x 12.5" x 3.5") |
| Shock                  |                                                   |                                                   |                                                                                                                              |                                                                                                                              |                                                   |
| RoHS, WEEE Status      | Compliant                                         |                                                   |                                                                                                                              |                                                                                                                              |                                                   |
| Mounting Hardware      |                                                   | N/A                                               | 203-734-001 kit included<br>203-733-001 kit order seperately<br>203-735-001 order seperately<br>203-737-001 order seperately | 203-734-001 kit included<br>203-733-001 kit order seperately<br>203-735-001 order seperately<br>203-737-001 order seperately | Tilt bracket hardware included                    |
| Manufacturer           | Laird                                             | Cushcraft-Laird                                   | Kathrein                                                                                                                     | Kathrein                                                                                                                     | Mobile Mark                                       |
| Manufacturer M/N       |                                                   |                                                   | 25-278                                                                                                                       | 25-578                                                                                                                       |                                                   |
| Manufacturer P/N       | PAR86518H-HN1                                     | SP9028PC156RSM                                    |                                                                                                                              |                                                                                                                              | PN10-915RCPI                                      |
| Product ID             |                                                   |                                                   |                                                                                                                              |                                                                                                                              |                                                   |

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|                        |                                                      |                                                      |                                                      |                                                      |                                                 |
|------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Part Number            | 805-654-001                                          | 805-654-002                                          | 805-655-001                                          | 805-655-002                                          | 805-816-002                                     |
| Proposed Intermec M/N  | IA33G                                                | IA34A                                                | IA33H                                                | IA34B                                                | IA33E                                           |
| Description            | IA33G, 915, 8.5 dBic, RHCP, N (RP)                   | IA34A, 915, 8.5 dBic, LHCP, N (RP)                   | IA33H, 915, 10dBic, RHCP, N (RP)                     | IA34B, 915, 10dBic, LHCP, N (RP)                     | IA33E: 915, 6.0 dBic, Cir Pol, N (RP)           |
| Frequency Range        | 902 - 928 MHz                                        | 902 - 928 MHz                                        | 902 - 928 MHz                                        | 902 - 928 MHz                                        | 902 - 928 MHz                                   |
| Ant.-cable System Gain | 3.1 dBi                                              | 3.1 dBi                                              | 4.6 dBi                                              | 4.6 dBi                                              | 0.6 dBi                                         |
| Gain                   | 5.5 dBi linear                                       | 5.5 dBi linear                                       | 7 dBi linear                                         | 7 dBi linear                                         | 3 dBi linear                                    |
| Impedance              | 50 Ohms                                              | 50 Ohms                                              | 50 Ohms                                              | 50 Ohms                                              | 50 Ohms                                         |
| VSWR                   | max. 1.5                                             | max. 1.5                                             | max. 1.5                                             | max. 1.5                                             | <1.5:1                                          |
| Axial Ratio            | 4 dB                                                 | 4 dB                                                 | 2.5 dB                                               | 2.5 dB                                               | N/A                                             |
| Polarization           | Circular, RH                                         | Circular, LH                                         | Circular, RH                                         | Circular, LH                                         | Circular, RH                                    |
| Front-to-Back Ratio    | > 20 dB                                              | > 20 dB                                              | Max -20 dB                                           | Max -20 dB                                           | 10 dB                                           |
| Maximum Input Power    | 100 Watts (at 50°C)                                  | 100 Watts (at 50°C)                                  | 6 Watts                                              | 6 Watts                                              | 10 Watts                                        |
| H-Plane Beamwidth      | 63 degrees (At 3dB)                                  | 63 degrees (At 3dB)                                  | 60 degrees (At 3dB)                                  | 60 degrees (At 3dB)                                  | 82 degrees (half power)                         |
| E-Plane Beamwidth      | 63 degrees (At 3dB)                                  | 63 degrees (At 3dB)                                  | 45 degrees (At 3dB)                                  | 45 degrees (At 3dB)                                  | 82 degrees (half power)                         |
| Connector              | N Reverse Polarity                                   | N Reverse Polarity                                   | N Reverse Polarity                                   | N Reverse Polarity                                   | N Reverse Polarity                              |
| Cable Length           | N/A                                                  | N/A                                                  | N/A                                                  | N/A                                                  | N/A                                             |
| Weight                 | 1.2 kg (2.65 lbs)                                    | 1.2 kg (2.65 lbs)                                    | 2.0 kg (4.41 lbs)                                    | 2.0 kg (4.41 lbs)                                    | 3.0 lbs (1.4 kg)                                |
| Dimensions             | 305 mm x 305 mm x 25 mm<br>(12.01" x 12.01" x 0.98") | 305 mm x 305 mm x 25 mm<br>(12.01" x 12.01" x 0.98") | 371 mm x 371 mm x 40 mm<br>(14.61" x 14.61" x 1.57") | 371 mm x 371 mm x 40 mm<br>(14.61" x 14.61" x 1.57") | 196 mm x 196 mm x 25 mm<br>(7.7" x 7.7" x 1.0") |
| Shock                  |                                                      |                                                      |                                                      |                                                      | 50 g, 8ms ½ sine, 5000 impulses                 |
| RoHS, WEEE Status      | Complies                                             | Complies                                             | Complies                                             | Complies                                             | Complies                                        |
| Mounting Hardware      | 805-653-001 Mnting Bracket<br>(separate)             | 805-653-001 Mnting Bracket<br>(separate)             | 805-653-001 Mnting Bracket<br>(separate)             | 805-653-001 Mnting Bracket<br>(separate)             | Adaptable Load Backrest Mounting<br>Included    |
| Manufacturer           | Huber Suhner                                         | Huber Suhner                                         | Huber Suhner                                         | Huber Suhner                                         | Cushcraft-Laird                                 |
| Manufacturer M/N       | 1309.17.0077                                         |                                                      | 1309.17.0078                                         |                                                      | S9026X                                          |
| Manufacturer P/N       | Item No. 84024995                                    | Article No. 84024996                                 | Item No. 84024999                                    | Article No. 84025000                                 | S9026XR1RRN                                     |
| Product ID             |                                                      |                                                      |                                                      |                                                      |                                                 |

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| Part Number            |                                                | former Product Links                           | former Product Links                            | former Product Links                                | former Product Links                                 |
| Proposed Intermec M/N  | N/A                                            | N/A                                            | N/A                                             | N/A                                                 | N/A                                                  |
| Description            | 915, 8 dBi, linear, N                          | 915, 8 dBi, linear, N                          | 915, 7.5 dBic, RHCP, N                          | 915, 11 dBic, RHCP, N (RP)                          | 915, 10 dBic, RHCP, N (RP)                           |
| Frequency Range        | 902 - 928 MHz                                  | 902 - 928 MHz                                  | 902 - 928 MHz                                   | 902 - 928 MHz                                       | 902 - 928 MHz                                        |
| Ant.-cable System Gain | 5.6 dBi                                        | 5.6 dBi                                        | 2.1 dBi                                         | 5.6 dBi                                             | 4.6 dBi                                              |
| Gain                   | 8 dBi linear                                   | 8 dBi linear                                   | 4.5 dBi linear                                  | 8 dBi linear                                        | 7 dBi linear                                         |
| Impedance              | 50 Ohms                                        | 50 Ohms                                        | 50 Ohms                                         | 50 Ohms                                             | 50 Ohms                                              |
| VSWR                   | max. 1.35 :1                                   | max. 1.7:1                                     | max. 1.3:1                                      | max. 1.5                                            | max. 1.5                                             |
| Axial Ratio            |                                                |                                                | 1.3 dB                                          | 3 dB                                                | 2.5 dB                                               |
| Polarization           | Linear                                         | Linear                                         | Circular                                        | Circular, RH                                        | Circular, RH                                         |
| Front-to-Back Ratio    | Max -16 dB                                     | Max -11dB                                      | Max -11 dB                                      | Max -20 dB                                          | Max -20 dB                                           |
| Maximum Input Power    | 6 Watts                                        | 6 Watts                                        | 6 Watts                                         | 6 Watts                                             | 6 Watts                                              |
| H-Plane Beamwidth      | 72 degrees (At 3dB)                            |                                                |                                                 | 63 degrees (At 3dB)                                 | 60 degrees (At 3dB)                                  |
| E-Plane Beamwidth      | 73 degrees (At 3dB)                            | 70 degrees (At 3dB)                            | 70 H, 71 V degrees (At 3dB)                     | 30 degrees (At 3dB)                                 | 45 degrees (At 3dB)                                  |
| Connector              | N Reverse Polarity                             | N Reverse Polarity                             | N Reverse Polarity                              | TNC Reverse Polarity                                | N Reverse Polarity                                   |
| Cable Length           | N/A                                            | N/A                                            | N/A                                             | N/A                                                 | N/A                                                  |
| Weight                 | 0.7 kg (1.54lbs)                               | 0.7 kg (1.54lbs)                               | 1 kg (2.2 lbs)                                  | 2.8 kg (6.17 lbs)                                   | 2.0 kg (4.41 lbs)                                    |
| Dimensions             | 190 mm x 190mm x 30 mm<br>(7.5" x 7.5" x 1.2") | 190 mm x 190mm x 30 mm<br>(7.5" x 7.5" x 1.2") | 190 mm x 190 mm x 30 mm<br>(7.5" x 7.5" x 1.2") | 630 mm x 320 mm x 40 mm<br>(24.8" x 12.98" x 1.57") | 371 mm x 371 mm x 40 mm<br>(14.61" x 14.61" x 1.57") |
| Shock                  | 10g, 11ms, ½ sine pulse                        |                                                |                                                 |                                                     |                                                      |
| RoHS, WEEE Status      | Complies                                       | Complies                                       | Complies                                        | Complies                                            | Complies                                             |
| Mounting Hardware      | RD41191800C<br>MT-120018/A<br>(separate)       |                                                |                                                 | 84007206 Mnting Bracket<br>(separate)               | 84007205 Mnting Bracket<br>(separate)                |
| Manufacturer           | MTI Wireless Edge                              | Huber Suhner                                   | Huber Suhner                                    | Huber Suhner                                        | Huber Suhner                                         |
| Manufacturer M/N       | MT-242044                                      | 1309.17.0085                                   | 1309.17.0089                                    | 1309-56-0001-x                                      | 1309-57-0087-x                                       |
| Manufacturer P/N       | MT-242044/N/K                                  | Item No. 84029200                              | Item No. 84039145                               | Item No. 84039146                                   | Item No. 84068841                                    |
| Product ID             |                                                | SPA-915/70/8/0/V                               | SPA-915/10/8/0/RCP                              | SPA-915/63/11/0/RCP                                 | SPA 915/60/10/0/RCP_C1                               |

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|------------------------|--------------------------------------------------|--------------------------------------------------|-----------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Part Number            | former Product Links                             | former Product Links                             | former Product Links                          | former Product Links                           | former Product Links                          |
| Proposed Intermec M/N  | N/A                                              | N/A                                              | N/A                                           | N/A                                            | N/A                                           |
| Description            | 915, 7 dBi, RHCP, N (RP)                         | 915, 7 dBi, RHCP, N                              | 915, 10.5 dBi, LHCP, N                        | 915, 8.2 dBi, LHCP, N                          | 915, -30 dBi, CP, TNC                         |
| Frequency Range        | 902 - 928 MHz                                    | 902 - 928 MHz                                    | 902 - 928 MHz                                 | 902 - 928 MHz                                  | 865 - 928 MHz                                 |
| Ant.-cable System Gain | 1.6 dBi                                          | 1.6 dBi                                          | 5.1 dBi                                       | 2.8 dBi                                        | -32.4 dBi                                     |
| Gain                   | 4 dBi linear                                     | 4 dBi linear                                     | 7.5 dBi linear                                | 5.2 dBi linear                                 | -30 dBi linear                                |
| Impedance              | 50 Ohms                                          | 50 Ohms                                          | 50 Ohms                                       | 50 Ohms                                        | 50 Ohms                                       |
| VSWR                   | 1.5:1                                            | 1.5:1                                            | <1.3:1                                        | <1.2:1                                         | <1.2:1                                        |
| Axial Ratio            |                                                  |                                                  |                                               |                                                |                                               |
| Polarization           | Circular, RH                                     | Circular, RH                                     | Circular, LH                                  | Circular, LH                                   |                                               |
| Front-to-Back Ratio    | 15 dB                                            | 15 dB                                            | > 20 dB                                       | > 22 dB                                        |                                               |
| Maximum Input Power    | 20 Watts                                         | 20 Watts                                         | 1 Watt                                        | 1 Watt                                         |                                               |
| H-Plane Beamwidth      | 75 degrees                                       | 75 degrees                                       |                                               |                                                |                                               |
| E-Plane Beamwidth      | 75 degrees                                       | 75 degrees                                       | 30 V, 70 H degrees (half power)               | 68 V, 70 H degrees (half power)                |                                               |
| Connector              | N Reverse Polarity Female                        | N Reverse Polarity Female                        | N Reverse Polarity                            | N Reverse Polarity                             |                                               |
| Cable Length           | N/A                                              | N/A                                              | N/A                                           | N/A                                            | N/A                                           |
| Weight                 | 0.50 kg (1.1 lbs)                                | 0.68 kg (1.5 lbs)                                | 3.7 kg (8.16 lbs)                             | 1.1 kg (2.43 lbs)                              | 110 g (0.25 lbs)                              |
| Dimensions             | 172 mm x 172 mm x 50mm<br>(6.75" x 6.75" x 2.0") | 210 mm x 210 mm x 19mm<br>(8.25" x8.25" x 0.75") | 557 mm x 262 mm x 59 mm<br>(22"x 10.3"x 2.3") | 243 mm x 290 mm x 60 mm<br>(9.6"x 11.4"x 2.4") | 90 mm x 63 mm x 31 mm<br>(3.5" x 2.5" x 1.2") |
| Shock                  |                                                  |                                                  |                                               |                                                |                                               |
| RoHS, WEEE Status      |                                                  |                                                  | Complies                                      | Complies                                       | Complies                                      |
| Mounting Hardware      | included                                         |                                                  |                                               |                                                |                                               |
| Manufacturer           | Mobile Mark                                      | Mobile Mark                                      | Kathrein                                      | Kathrein                                       | Kathrein                                      |
| Manufacturer M/N       | PN7-915I-FL                                      | EDN 191-1550                                     | 520 10087                                     | 520 10073                                      | 520 10092                                     |
| Manufacturer P/N       | PN7-915I                                         | PN7-915I                                         | 521 10087                                     | 521 10073                                      | 521 10092                                     |
| Product ID             |                                                  |                                                  |                                               |                                                |                                               |

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|------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| Part Number            | former Product Links                        | former Product Links                         | former Product Links                         | former Product Links                              | former Product Links                            |
| Proposed Intermec M/N  | N/A                                         | N/A                                          | N/A                                          | N/A                                               | N/A                                             |
| Description            | 915, 5.5 dBi, multi-linear, TNC             | 915, 4.5 dBi, multi-linear, TNC              | 915, 3 dBi, multi-linear, TNC                | 915, 5.5 dBic, RHCP, N                            | 915, 5.5 dBic, RHCP, N                          |
| Frequency Range        | 902 - 928 MHz                               | 902 - 928 MHz                                | 902 - 928 MHz                                | 902 - 928 MHz                                     | 902 - 928 MHz                                   |
| Ant.-cable System Gain | 3.1 dBi                                     | 2.1 dBi                                      | 0.6 dBi                                      | 0.1 dBi                                           | 0.1 dBi                                         |
| Gain                   | 5.5 dBi linear                              | 4.5 dBi linear                               | 3 dBi linear                                 | 2.5 dBi linear                                    | 2.5 dBi linear                                  |
| Impedance              | 50 Ohms                                     | 50 Ohms                                      | 50 Ohms                                      | 50 Ohms                                           | 50 Ohms                                         |
| VSWR                   | max. 1.7:1                                  | max. 1.7:1                                   | max. 1.7:1                                   | < 2.0:1                                           | < 1.5:1                                         |
| Axial Ratio            |                                             |                                              |                                              |                                                   | 2.0 dB                                          |
| Polarization           | Multi-axis                                  | Multi-axis                                   | Multi-axis                                   | Circular, RH                                      | Circular, RH                                    |
| Front-to-Back Ratio    | N/A                                         | N/A                                          | N/A                                          | 10 dB                                             | 8 dB                                            |
| Maximum Input Power    | 1 Watt                                      | 1 Watt                                       | 1 Watt                                       | 20 Watts                                          | 10 Watts                                        |
| H-Plane Beamwidth      |                                             |                                              |                                              |                                                   |                                                 |
| E-Plane Beamwidth      | 360 degrees                                 | 360 degrees                                  | 360 degrees                                  | 80 V, 80 H degrees                                | 100 degrees                                     |
| Connector              | TNC Reverse Polarity                        | TNC Reverse Polarity                         | TNC Reverse Polarity                         | N Reverse Polarity Female                         | N Reverse Polarity Female                       |
| Cable Length           | N/A                                         | N/A                                          | N/A                                          | 6 inch                                            | N/A                                             |
| Weight                 | 1.8 kg (4 lbs)                              | 1.4 kg (3 lbs)                               | 0.8 kg (1.7 lbs)                             | 0.5 kg (1.1 lbs)                                  | 0.37 kg (0.8 lbs)                               |
| Dimensions             | 2.2 m x 229 mm x 38 mm<br>(87" x 9" x 1.5") | 1.55 m x 229 mm x 38 mm<br>(61" x 9" x 1.5") | 915 mm x 229 mm x 38 mm<br>(36" x 9" x 1.5") | 146 mm x 146 mm x 18 mm<br>(5.75" x 5.75" x 0.7") | 132 mm x 132 mm x 18 mm<br>(5.2" x 5.2" x 0.7") |
| Shock                  |                                             |                                              |                                              |                                                   | IEC 68-2-27                                     |
| RoHS, WEEE Status      |                                             |                                              |                                              |                                                   |                                                 |
| Mounting Hardware      |                                             |                                              |                                              |                                                   |                                                 |
| Manufacturer           | NeWave Sensor Solutions                     | NeWave Sensor Solutions                      | NeWave Sensor Solutions                      | Mobile Mark                                       | Laird                                           |
| Manufacturer M/N       | NSS Wave-N7                                 | NSS Wave-N5                                  | NSS Wave-N3                                  | BP6-915                                           | S9025P                                          |
| Manufacturer P/N       |                                             |                                              |                                              | BP6-915RCP                                        | S9025PR                                         |
| Product ID             |                                             |                                              |                                              |                                                   |                                                 |

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Model: IM14



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|                        |                                                   |                                 |
|------------------------|---------------------------------------------------|---------------------------------|
| Part Number            |                                                   |                                 |
| Proposed Intermec M/N  | N/A                                               | N/A                             |
| Description            | 915, 12 dBi, linear, N                            | 915, 12.5 dBi, linear, SMA (RP) |
| Frequency Range        | 902 - 928 MHz                                     | 902 - 928 MHz                   |
| Ant.-cable System Gain | 9.6 dBi                                           | 10.1 dBi                        |
| Gain                   | 12 dBi linear                                     | 12.5 dBi linear                 |
| Impedance              | 50 Ohms                                           | 50 Ohms                         |
| VSWR                   | 1.5:1                                             | max. 1.7:1                      |
| Axial Ratio            |                                                   |                                 |
| Polarization           | Linear                                            | Linear                          |
| Front-to-Back Ratio    |                                                   | -24 dB                          |
| Maximum Input Power    | 10 Watts                                          | 6 Watts                         |
| H-Plane Beamwidth      | 40 degrees (At 3dB)                               | 42 degrees (At 3dB)             |
| E-Plane Beamwidth      | 55 degrees (At 3dB)                               | 42 degrees (At 3dB)             |
| Connector              | N Reverse Polarity                                | SMA Reverse Polarity            |
| Cable Length           | N/A                                               | N/A                             |
| Weight                 | 3.0 lbs (1.4 kg)                                  | 3.0 kg (6.61 lbs)               |
| Dimensions             | 411 mm x 373 mm x 36 mm<br>(16.2" x 14.7" x 1.4") | 450 mm x 450 mm x 36 mm         |
| Shock                  |                                                   | IEC 60721-3-4                   |
| RoHS, WEEE Status      | Complies                                          | Complies                        |
| Mounting Hardware      | Included                                          | MT-120018<br>(separate)         |
| Manufacturer           | Laird                                             | MTI Wireless Edge               |
| Manufacturer M/N       | PA9-12                                            | MT-263006                       |
| Manufacturer P/N       | PA9-12                                            | MT-263006/S/E                   |
| Product ID             |                                                   |                                 |