

## All. 7 - Tabelle parti di ricambio

| Tabella 1- Lista parti ricambio radar per sistemi radar radar Gematronik 600 C |                                         |                     |                            |
|--------------------------------------------------------------------------------|-----------------------------------------|---------------------|----------------------------|
| Spare Part List 72DPC-1 = 72DPC-11                                             |                                         |                     |                            |
| Weather Radar System C-Band (Dual POL)                                         |                                         |                     |                            |
| Part Number<br>(PN:)                                                           | Descrizione                             | Q.tà per<br>Sistema | Prezzo Unitario<br>in Euro |
| <b>76-2630</b>                                                                 | <b>Antenna Control Unit</b>             |                     |                            |
| 25-0281                                                                        | Aciliary Switch                         | 3                   | 21,95 €                    |
| 25-0289                                                                        | LS-Switch 6A                            | 2                   | 31,50 €                    |
| 25-0290                                                                        | LS-Switch 16A                           | 1                   | 81,15 €                    |
| 25-0291                                                                        | LS-Switch 25A                           | 1                   | 76,37 €                    |
| 25-0298                                                                        | LS-Switch 2A                            | 2                   | 25,78 €                    |
| 28-0265                                                                        | Relais Finder                           | 3                   | 5,73 €                     |
| 28-0266                                                                        | SED red for relais Finder               | 3                   | 4,77 €                     |
| 28-0309                                                                        | Contactore                              | 1                   | 105,97 €                   |
| 28-0311                                                                        | Aciliary Swtch SO                       | 1                   | 12,42 €                    |
| 29-0440                                                                        | Selector Switch Key Operated            | 1                   | 122,19 €                   |
| 35-1375                                                                        | Profibus Connector IP20 RS485           | 2                   | 57,27 €                    |
| 35-1614                                                                        | Profibus Connector IP40 RS485           | 1                   | 42,00 €                    |
| 37-0133                                                                        | Power Supply Kontron                    | 1                   | 681,31 €                   |
| 37-0134                                                                        | Power Supply Parker                     | 1                   | 646,08 €                   |
| 37-0135                                                                        | Power Supply Schroff                    | 1                   | 552,11 €                   |
| 76-2405                                                                        | Fieldbus Controller                     | 1                   | 1.455,83 €                 |
| 76-2406                                                                        | Singel Board Processor B011             | 1                   | 3.756,49 €                 |
| 76-2571                                                                        | M-Module Carrier Board                  | 1                   | 953,68 €                   |
| 76-2600                                                                        | M-Module 2ch. SSI                       | 1                   | 1.094,01 €                 |
| 76-2730                                                                        | SPS Programmable Logic Control (PLC)    | 1                   | 1.747,93 €                 |
| 76-2814                                                                        | Servo Drive                             | 2                   | 3.124,52 €                 |
|                                                                                |                                         |                     |                            |
| <b>76-2761</b>                                                                 | <b>Radar Control Processor (RCP)</b>    |                     |                            |
| 76-2717                                                                        | HD                                      | 1                   | 516,46 €                   |
| 31-0413                                                                        | Chassis Blower Rittal                   | 1                   | 546,05 €                   |
| 76-2492                                                                        | M-Module M57 DP Profibus Interface      | 1                   | 1.295,44 €                 |
| 76-2493                                                                        | M-Module M57 DP Profibus Interface      | 1                   | 823,85 €                   |
| 37-0140                                                                        | Power Supply PH70 24V/3A                | 1                   | 223,20 €                   |
| 76-2645                                                                        | M-Module Carrier Board D203             | 1                   | 876,36 €                   |
| 76-2570                                                                        | Single Board Processor D3b              | 1                   | 4.292,99 €                 |
| 76-2509                                                                        | Touch Panel Süttron                     | 1                   | 2.447,68 €                 |
| 37-0223                                                                        | Power Supply Rittal                     | 1                   | 1.072,06 €                 |
| 76-2494                                                                        | M-Module RS232 Interface                | 1                   | 841,99 €                   |
|                                                                                |                                         |                     |                            |
| <b>76-2016</b>                                                                 | <b>Environmental control Unit (ECU)</b> |                     |                            |
| 25-0298                                                                        | LS-Switch                               | 1                   | 25,78 €                    |
| 35-1454                                                                        | Fieldbus                                | 8                   | 17,19 €                    |

| 35-1523                                       | Fieldbus                                  | 2                   | 58,74 €     |
|-----------------------------------------------|-------------------------------------------|---------------------|-------------|
| 35-1524                                       | Fieldbus                                  | 2                   | 70,48 €     |
| <b>Weather Radar System C-Band (Dual POL)</b> |                                           |                     |             |
| Part Number<br>(PN:)                          | Descrizione                               | Q.tà per<br>Sistema |             |
| 35-1525                                       | Fieldbus                                  | 2                   | 281,92 €    |
| 35-1526                                       | Fieldbus                                  | 3                   | 328,91 €    |
| 35-1527                                       | Fieldbus                                  | 1                   | 309,30 €    |
| 35-1535                                       | Fieldbus                                  | 1                   | 21,01 €     |
| 37-0139                                       | Power Supply PH30                         | 2                   | 140,96 €    |
| 76-1669                                       | Profibus Coupler                          | 1                   | 458,12 €    |
|                                               |                                           |                     |             |
| <b>73-1708</b>                                | <b>RF-Circuit Intern</b>                  |                     |             |
| 73-1050                                       | Dual-Loop Coupler replacement for 73-1725 | 1                   | 2.067,74 €  |
| 73-1702                                       | Power Divider                             | 1                   | 3.135,03 €  |
| 73-1488                                       | Waveguide Switch                          | 1                   | 2.554,61 €  |
| 73-0941                                       | Circulator AFT                            | 2                   | 8.318,68 €  |
| 73-1679                                       | TR-Limiter                                | 2                   | 12.559,18 € |
| 73-1066                                       | Double Stub Tuner "H"                     | 2                   | 7.566,44 €  |
| 76-2851                                       | Waveguide Switch                          | 1                   | 2.597,56 €  |
| 29-0404                                       | <i>Air Stream Sensor</i>                  | 2                   | 164,46 €    |
| 31-0504                                       | Axial Blower 230V                         | 1                   | 62,05 €     |
| 73-1873                                       | Arc Sensor C-Band                         | 1                   | 1.422,42 €  |
| 73-1047                                       | Flexaguide 300mm                          | 1                   | 462,04 €    |
|                                               |                                           |                     |             |
| <b>73-1714</b>                                | <b>Cabinet Met 600CDP</b>                 |                     |             |
| 76-1944                                       | Network Power Switch                      | 1                   | 1.638,15 €  |
| 28-0263                                       | Breaker                                   | 1                   | 81,15 €     |
| 76-2059                                       | Hub Dual speed 8port                      | 1                   | 57,27 €     |
| 76-3009                                       | Switch 1000Base-T                         | 1                   | 247,25 €    |
| 31-0395                                       | <i>EMV-Blower Rack</i>                    | 1                   | 270,17 €    |
| 31-0414                                       | <i>Chassis Fan Vario</i>                  | 8                   | 281,92 €    |
| 32-0327                                       | Line Filter                               | 1                   | 227,20 €    |
| 32-0328                                       | Line Filter                               | 3                   | 396,18 €    |
| 36-0243                                       | Over Voltage Arrester                     | 1                   | 41,05 €     |
| 29-0404                                       | Air Stream Sensor                         | 8                   | 105,01 €    |
| 31-0425                                       | <i>Pressure Blower</i>                    | 10                  | 211,44 €    |
| 51-0518                                       | Radial Bower                              | 2                   | 196,66 €    |
| 23-1419                                       | Motor Capacitor                           | 2                   | 5,73 €      |
| <b>Weather Radar System C-Band (Dual POL)</b> |                                           |                     |             |
| Part Number<br>(PN:)                          | Descrizione                               | Q.tà per<br>Sistema |             |
| <b>73-1712</b>                                | <b>Antenna</b>                            |                     |             |
| <b>76-2638</b>                                | <b>Azimut Unit</b>                        |                     |             |
| 76-1607                                       | Slip-Ring with 2 Brushes                  | 1                   | 8.109,62 €  |
| 76-2404                                       | Slip-Ring                                 | 1                   | 4.095,39 €  |
| 76-1731                                       | Bruschblock 11way                         | 1                   | 1.538,83 €  |

|                |                                   |   |             |
|----------------|-----------------------------------|---|-------------|
| 76-1732        | Bruschblock 37way                 | 1 | 1.949,96 €  |
| 31-0473        | AC-Servo Motor                    | 1 | 2.967,96 €  |
| 76-2671        | Encoder Drive                     | 1 | 4.602,29 €  |
| 76-2017        | Oil Level Sensor                  | 1 | 128,87 €    |
| 76-2636        | Planet Gearbox                    | 1 | 2.612,83 €  |
|                |                                   |   |             |
| <b>76-2637</b> | <b>Elevation Unit</b>             |   |             |
| 76-2636        | Planet Gearbox                    | 1 | 2.612,83 €  |
| 31-0473        | AC-Servo Motor                    | 1 | 2.967,96 €  |
| 76-1622        | Encoder Drive                     | 1 | 3.244,80 €  |
|                |                                   |   |             |
| <b>73-2088</b> | <b>RF-Circuit Antenna</b>         |   |             |
| 73-2251        | AZ-Rotary Joint DP                | 1 | 22.817,68 € |
| 73-0977        | Rotary Joint, Single              | 1 | 6.402,00 €  |
| 73-1179        | Flexaguide Twist AL               | 2 | 555,60 €    |
| 73-1688        | Flexaguide Pfreformed             | 2 | 922,18 €    |
| 73-1050        | Dual-Loop Coupler                 | 2 | 2.067,74 €  |
| 73-1047        | Flexaguide 300mm                  | 2 | 462,04 €    |
|                |                                   |   |             |
| <b>76-3069</b> | <b>Electrical Parts</b>           |   |             |
| 28-0265        | Relais Print Finder               | 1 | 5,73 €      |
| 29-0243        | Final Limit Switch                | 1 | 61,10 €     |
| 31-0542        | Encoder 29Bit                     | 3 | 1.717,39 €  |
| 31-0549        | Encoder 13Bit Can                 | 2 | 620,51 €    |
| 37-0140        | Power Supply PH70                 | 1 | 223,20 €    |
| 63-0964        | Heater Blower 550W,230V           | 1 | 290,22 €    |
| 67-0920        | Safety Door Switch                | 1 | 316,94 €    |
|                |                                   |   |             |
| <b>76-2475</b> | <b>Central Lubrication System</b> |   |             |
| 76-2474        | Grease Pressure Pump              | 1 | 1.138,88 €  |
| 76-1879        | Grease Distributor                | 1 | 422,91 €    |
|                |                                   |   |             |
| <b>76-2562</b> | <b>Power Monitor</b>              |   |             |
| 35-1453        | Fieldbus                          | 2 | 93,97 €     |
| 35-1454        | Fieldbus                          | 1 | 17,19 €     |
| 35-1455        | Fieldbus                          | 2 | 93,97 €     |
| 35-1526        | Fieldbus                          | 1 | 291,17 €    |
| 35-1535        | Fieldbus                          | 1 | 21,01 €     |

#### Weather Radar System C-Band (Dual POL)

| Part Number<br>(PN:) | Descrizione                         | Q.tà per<br>Sistema |            |
|----------------------|-------------------------------------|---------------------|------------|
| 37-0130              | Power Supply PSM115 15V/2,2A        | 2                   | 293,68 €   |
| 37-0183              | Power Supply Dual 5V/4A, 24V/1A 3HE | 1                   | 675,88 €   |
| 76-1669              | Feildbus Coupler                    | 1                   | 438,18 €   |
| 76-2233              | Schottky Detector ACSP-2546N        | 4                   | 394,27 €   |
| 76-2344              | Current Sourche                     | 2                   | 1.266,80 € |
| 76-2345              | Power Indication Board              | 2                   | 826,72 €   |
| 63-0924              | Ripac Vario EMV                     | 1                   | 251,07 €   |

|                |                                     |   |             |
|----------------|-------------------------------------|---|-------------|
| <b>73-1750</b> | <b>Receiver RXC600</b>              |   |             |
| <b>73-1753</b> | <b>ARX RXC600</b>                   |   |             |
| 63-0924        | Ripac Vario EMV                     | 1 | 251,07 €    |
| 37-0225        | Power Supply Dual 2x8V/2,5 A        | 2 | 712,16 €    |
| 37-0196        | Power Supply Dual 5V/4A, 15V/1,6A   | 1 | 673,02 €    |
| 37-0200        | Power Supply Single 24V             | 1 | 615,74 €    |
| <b>73-1776</b> | <b>TX-Channel Unit</b>              | 1 | 3.024,28 €  |
| <b>73-1695</b> | <b>STALO-Unit</b>                   | 1 | 5.162,66 €  |
| <b>76-2705</b> | <b>2nd LO-Unit</b>                  | 1 | 5.845,23 €  |
| 76-2725        | Sensor Board RX-BITE                | 1 | 371,35 €    |
| 28-0156        | Load Relais SSR                     | 1 | 91,65 €     |
| 76-3015        | ECL/SIN Converter Unit              | 1 | 697,83 €    |
| 73-1515        | Load Isolator                       | 1 | 247,25 €    |
| 73-1795        | RF-Frontend                         | 2 | 15.034,55 € |
| 73-2123        | ITSG/UpConverter Unit               | 1 | 28.748,83 € |
| 76-2602        | GDRX-PC                             | 1 | 6.397,01 €  |
| 76-2452        | GDRX-RX                             | 1 | 32.743,98 € |
| 76-2616        | GDRX-TM                             | 1 | 2.795,18 €  |
| 64-0254        | GDRX-Chassis 2H/19"                 | 1 | 2.343,63 €  |
|                |                                     |   |             |
| <b>76-2726</b> | <b>RX-Control Unit</b>              |   |             |
| 76-1669        | Profibus-Coupler                    | 1 | 438,18 €    |
| 35-1455        | Fieldbus, 4-dig IN TTL              | 6 | 93,97 €     |
| 37-0138        | Power Supply PH30 5V/5A             | 1 | 152,71 €    |
| 37-0139        | Power Supply PH30 24V/1,5A          | 1 | 140,96 €    |
| 35-1453        | Fieldbus, 4-dig OUT TTL             | 2 | 93,97 €     |
|                |                                     |   |             |
| <b>73-1840</b> | <b>Transmitter Magnetron C-Band</b> |   |             |
| <b>73-1841</b> | <b>Modulator Switch Array Unit</b>  |   |             |
| 76-3074        | Switch Board                        | 4 | 1.979,91 €  |
| 76-2660        | Switch Board Controller             | 1 | 1.683,98 €  |
| 76-2718        | Modulator Backplan                  | 1 | 1.608,56 €  |
| 37-0235        | MPS Magnetron                       | 1 | 24.958,93 € |

Weather Radar System C-Band (Dual POL)

| Part Number<br>(PN:) | Descrizione                        | Q.tà per<br>Sistema |            |
|----------------------|------------------------------------|---------------------|------------|
| <b>76-2653</b>       | <b>Power Control Unit (PCU)</b>    |                     |            |
| 37-0249              | Power Supply 0-17V                 | 1                   | 1.473,00 € |
| 37-0221              | Power Supply 24V/2A                | 1                   | 134,61 €   |
| 37-0222              | Power Supply                       | 1                   | 266,35 €   |
| 36-0348              | Current Measurement Transformer    | 1                   | 596,65 €   |
| 28-0315              | Current Sensing Relais             | 1                   | 196,66 €   |
| 435052               | Filament Measurement Adapter       | 1                   | 51,55 €    |
| 76-2654              | Filament Referenz                  | 1                   | 294,98 €   |
| 28-0287              | PLC-Interface 24DC                 | 4                   | 12,42 €    |
| 25-0333              | LS-Switch B-Char.                  | 4                   | 6,68 €     |
| 25-0331              | Safety Switch TCMP 16A Thermo/Mag. | 1                   | 52,51 €    |

|                |                                   |   |             |
|----------------|-----------------------------------|---|-------------|
| 25-0329        | Safety Switch TCMP 2A Thermo/Mag. | 1 | 52,51 €     |
| 25-0330        | Safety Switch TCMP 5A Thermo/Mag. | 1 | 52,51 €     |
| 25-0337        | Auxiliary Switch                  | 1 | 14,31 €     |
| 28-0263        | Breaker                           | 4 | 81,15 €     |
| 28-0264        | Auxiliary Switch                  | 1 | 22,90 €     |
| 76-1669        | Fieldbus Coupler                  | 1 | 438,18 €    |
| 35-1454        | Fiedlbus                          | 1 | 17,19 €     |
| 35-1527        | Fieldbus                          | 1 | 309,30 €    |
| 35-1523        | Fieldbus                          | 1 | 58,74 €     |
| 35-1525        | Fieldbus                          | 2 | 281,92 €    |
| 35-1526        | Fieldbus                          | 1 | 328,91 €    |
| 35-1657        | Fieldbus                          | 2 | 67,78 €     |
| 35-1658        | Fieldbus                          | 4 | 77,32 €     |
| 76-2828        | Com Server konfig.                | 1 | 940,32 €    |
|                |                                   |   |             |
| <b>73-1836</b> | <b>Hot-Box TX-650</b>             |   |             |
| 11-0283        | Magnetron coax.                   | 1 | 32.843,26 € |
| 30-0317        | Pulse Transformer                 | 1 | 7.760,22 €  |
| 30-0314        | Current Transformer               | 1 | 1.354,63 €  |
| 20-1511        | Thermo Resistor                   | 1 | 97,37 €     |
| 23-1431        | Capacitor MKP                     | 1 | 0,95 €      |
| 20-1542        | HV-Resistor                       | 1 | 296,90 €    |
| 23-1433        | HV-Capacitor                      | 2 | 310,27 €    |
| 23-1434        | HV-Capacitor                      | 1 | 306,44 €    |
| 31-0500        | Dehydrator 19"                    | 1 | 5.241,90 €  |

Weather Radar System C-Band (Dual POL)

| Part Number<br>(PN:) | Descrizione                       | Q.tà per<br>Sistema |            |
|----------------------|-----------------------------------|---------------------|------------|
|                      | <b>Consumables</b>                |                     |            |
| 43-0127              | Gear Oil                          | 1                   | 21,01 €    |
| 43-0124              | Gear Grease                       | 20L                 | 16,22 €    |
| 43-0108              | High Pressure Grease 5kg          | 5Kg                 | 13,36 €    |
|                      |                                   |                     |            |
|                      | <b>Radom Panels incl. Packing</b> |                     |            |
| none                 | Main Pentagon Panel               |                     | 4.250,03 € |
| none                 | Main Hexagon panel type A         |                     | 4.451,46 € |
| none                 | Main Hexagon gpanel type B        |                     | 4.451,46 € |
| none                 | Base Pentagon Panel               |                     | 4.250,03 € |
| none                 | Base Hexagon Panel                |                     | 4.359,82 € |
| none                 | Special Zenith Pentagon Panel     |                     | 4.818,04 € |

**Tabella 2- Lista parti ricambio radar per sistemi radar radar Gematronik 50 DX**

**Spare Part List 72DPX-1 = 72DPX-4**

**Weather Radar System X-Band**

| Part<br>Number (PN:) | Descrizione                    | Q.tà per<br>Sistema |  |
|----------------------|--------------------------------|---------------------|--|
| <b>74-0995</b>       | <b>Network 50DX (Pedestal)</b> |                     |  |

|                |                                    |   |             |
|----------------|------------------------------------|---|-------------|
| 37-0246        | Power Supply 12V                   | 1 | 88,78 €     |
| 76-2602        | GDRX-PC (SP) config                | 1 | 6.397,01 €  |
| 76-2935        | Gigabit Switch 5x                  | 1 | 36,27 €     |
| <b>74-0960</b> | <b>Antenna</b>                     |   |             |
| 25-0339        | Load Switch 3A/MT                  | 4 | 63,01 €     |
| 29-0243        | Limit Switch                       | 1 | 61,10 €     |
| 29-0462        | Inductive Sensor                   | 2 | 59,19 €     |
| 29-0449        | Circuit Breaker 12A                | 1 | 75,41 €     |
| 31-0535        | Encoder                            | 2 | 2.364,63 €  |
| 31-0538        | Stow Pin Drive                     | 1 | 372,31 €    |
| 31-0564        | Cutoff Current for drive           | 1 | 248,20 €    |
| 32-0332        | Ringkern FERRIT f. ASB Servoregler | 1 | 61,10 €     |
| 35-1562        | Fieldbus relay                     | 1 | 95,46 €     |
| 35-1705        | Profibus Connector Axial           | 1 | 76,37 €     |
| 36-0385        | Overvoltage Protect. FLT-CP-1S     | 1 | 460,12 €    |
| 63-0964        | Heating                            | 2 | 290,22 €    |
| 74-0919        | Elevation Bearing Unit             | 1 | 4.960,28 €  |
| 74-0952        | Hollow Shaft Drive, inclusive      | 2 | 11.658,01 € |
| 74-0964        | Servo Amplifier                    | 1 | 3.562,69 €  |
| 76-2612        | Slip ring                          | 1 | 16.060,78 € |
|                |                                    |   |             |
| <b>74-0929</b> | <b>RF-Circuit Antenna</b>          |   |             |
| 74-1002        | Flexaguide Twist 400mm             | 2 | 425,76 €    |
|                |                                    |   |             |
| <b>74-0930</b> | <b>RF Circuit Internal</b>         |   |             |
| 74-0920        | TR-Limiter                         | 2 | 802,85 €    |
| 74-0933        | Circulator                         | 2 | 258,70 €    |
| 74-0935        | Dual Loop Coupler                  | 3 | 3.203,76 €  |
| 74-0936        | Power Divider                      | 1 | 1.741,25 €  |

#### Weather Radar System X-Band

| Part Number<br>(PN:) | Descrizione                              | Q.tà per<br>Sistema |            |
|----------------------|------------------------------------------|---------------------|------------|
| 74-1090              | Flexguide 200mm                          | 1                   | 235,80 €   |
| 74-1123              | Flexguide 270mm                          | 2                   | 260,61 €   |
| <b>74-0870</b>       | <b>Receiver RXX50 GDRX</b>               |                     |            |
| 37-0243              | Power Supply singl. 15V                  | 1                   | 475,41 €   |
| 37-0244              | RX Power Supply Connector                | 1                   | 28,64 €    |
| 63-0967              | CPCI Backplan, Housing for GDRX/RCP 1HM/ | 1                   | 2.202,34 € |
| 74-0811              | Dir.-Coupler 20dB                        | 1                   | 348,44 €   |
| 74-0861              | RF synthesizer                           | 1                   | 5.626,62 € |
| 74-0863              | Up-Converter                             | 1                   | 5.725,91 € |
| 74-0942              | Power Divider 3Way                       | 1                   | 482,09 €   |
| 74-0943              | Amplifier 8-12 GHz                       | 1                   | 1.148,42 € |
| 74-0944              | Down-Converter                           | 1                   | 2.378,00 € |
| 74-0962              | Power Divider 2Way                       | 1                   | 482,09 €   |
| 74-1019              | Voltage transformer                      | 1                   | 862,03 €   |
| 76-2417              | Coax Switch                              | 1                   | 485,90 €   |

| 76-2452 new<br>P/N 436944          | GDRX C+A                                                         | 1                           | 32.743,98 € |
|------------------------------------|------------------------------------------------------------------|-----------------------------|-------------|
| 76-2495                            | Ref Oscillator                                                   | 1                           | 1.362,26 €  |
| 76-2616                            | GDRX-TM                                                          | 1                           | 2.795,18 €  |
| 76-2812                            | I2C GPIO37-10A                                                   | 1                           | 225,29 €    |
| 76-3013                            | Stalo                                                            | 1                           | 270,16 €    |
|                                    |                                                                  |                             |             |
| <b>74-0932</b>                     | <b>Transmitter 50DX</b>                                          |                             |             |
| 11-0182                            | Magnetron Connector Cap                                          | 1                           | 431,50 €    |
| 11-0288                            | Magnetron                                                        | 1                           | 14.101,87 € |
| 20-1489                            | Load Resistor R3                                                 | 1                           | 31,50 €     |
| 20-1541                            | Resistor Thermo PT100 R4                                         | 1                           | 96,42 €     |
| 20-1544                            | HV-Rsistor 800R                                                  | 1                           | 409,54 €    |
| 23-1401                            | Capacitor 0.33µF                                                 | 2                           | 2,86 €      |
| 23-1436                            | HV-Capacitor 75pF                                                | 1                           | 143,20 €    |
| 25-0338                            | Load Switch 4A F2,F3,F4                                          | 3                           | 62,05 €     |
| 25-0340                            | Load Switch 10A F!                                               | 1                           | 61,10 €     |
| 28-0265                            | Relay K2                                                         | 1                           | 5,73 €      |
| 28-0266                            | LED red with freewheel Diode K2                                  | 1                           | 4,77 €      |
| <b>Weather Radar System X-Band</b> |                                                                  |                             |             |
| <b>Part Number<br/>(PN:)</b>       | <b>Descrizione</b>                                               | <b>Q.tà per<br/>Sistema</b> |             |
| 28-0267                            | Fassung für Relay K2                                             | 1                           | 6,68 €      |
| 29-0455                            | Thermostat                                                       | 1                           | 21,95 €     |
| <b>30-0314</b>                     | <b>Current Transformer</b>                                       | 1                           | 1.354,63 €  |
| <b>30-0325</b>                     | <b>Pulse Transformer</b>                                         | 1                           | 6.707,27 €  |
| 31-0559                            | Axial Blower 24V                                                 | 1                           | 27,69 €     |
| 37-0222                            | Power Supply 24V/5A                                              | 1                           | 266,35 €    |
| <b>37-0234</b>                     | <b>Main Power Supply</b>                                         | 1                           | 2.154,61 €  |
| 37-0238                            | Filament Power Supply                                            | 1                           | 690,20 €    |
| 38-0124                            | Hygrothermal sensor                                              | 1                           | 480,18 €    |
| 74-1007                            | Primer Terminal Pustrafo                                         | 1                           | 422,91 €    |
| 74-0858                            | Bias Choke                                                       | 1                           | 642,47 €    |
| <b>74-0922</b>                     | <b>Switch Board</b>                                              | 1                           | 2.066,79 €  |
| <b>74-0986</b>                     | <b>Backplane Met50X</b>                                          | 1                           | 1.188,52 €  |
| 74-0988                            | Switch Board Controller                                          | 1                           | 827,66 €    |
| <b>76-2916</b>                     | <b>RCP-AL f. GDRX</b>                                            |                             |             |
| 63-0967                            | CPCI Backplan, Housing for GDRX/RCP<br>1HM/19" with power supply | 1                           | 2.202,34 €  |
| 76-2570                            | Single Board Computer, PPC 400MHz                                | 1                           | 4.292,99 €  |
| 76-2492                            | M-Modul Profibus M57                                             | 1                           | 1.295,44 €  |
| 76-2600                            | M-Modul SSI                                                      | 1                           | 1.094,01 €  |
| 76-2645                            | M-Modul Carrier Board                                            | 1                           | 876,36 €    |
| 76-2717                            | Hard Disk > 30GB                                                 | 1                           | 516,46 €    |
|                                    |                                                                  |                             |             |
| <b>74-1026</b>                     | <b>Antenna Contro Unit (ACU)</b>                                 |                             |             |

|         |                                        |   |          |
|---------|----------------------------------------|---|----------|
| 12-0001 | Diode                                  | 1 | 0,95 €   |
| 25-0339 | Load Switch 3A                         | 5 | 63,01 €  |
| 28-0265 | Print Relay                            | 1 | 5,73 €   |
| 28-0266 | LED with Free Wheel Diode              | 1 | 4,77 €   |
| 29-0449 | Load Switch 12A                        | 1 | 75,41 €  |
| 29-0455 | Thermostat                             | 1 | 21,95 €  |
| 32-0355 | Toroidal Core Ferrit FR6 for ASB Servo | 1 | 36,27 €  |
| 37-0140 | Power Supply PH70 24V                  | 1 | 185,20 € |
| 37-0218 | Power Supply PH120 24V                 | 1 | 205,25 € |

#### Weather Radar System X-Band

| Part Number<br>(PN:) | Descrizione                               | Q.tà per<br>Sistema |            |
|----------------------|-------------------------------------------|---------------------|------------|
| 38-0124              | Hygrothermal Sensor                       | 1                   | 480,18 €   |
| 63-0964              | Heater Blower                             | 1                   | 290,22 €   |
| 74-0964              | Servo amplifier                           | 1                   | 3.562,69 € |
| 76-2933              | Safety PLC                                | 1                   | 1.684,92 € |
|                      |                                           |                     |            |
| <b>74-1008</b>       | <b>50DX Cabinet</b>                       |                     |            |
| 31-0608              | Heat Exchanger                            | 2                   | 2.664,39 € |
| 38-0123              | Humidity Control                          | 3                   | 31,50 €    |
| 67-0969              | Pressure Equalisat. Auto.                 | 2                   | 96,42 €    |
|                      |                                           |                     |            |
| <b>74-1012</b>       | <b>Trailer</b>                            |                     |            |
| <b>74-0926</b>       | <b>Network (Trailer)</b>                  |                     |            |
| <b>37-0252</b>       | UPS PW5115                                | 1                   | 1.439,58 € |
| 63-0964              | Heater Blower                             | 1                   | 290,22 €   |
| <b>76-1820</b>       | Network Power Switch                      | 1                   | 1.260,12 € |
| <b>76-2911</b>       | Rainbow Server                            | 1                   | 1.873,00 € |
| 76-2940              | WLAN Router                               | 1                   | 221,47 €   |
|                      |                                           |                     |            |
| <b>74-1023</b>       | <b>Electrical Parts (Trailer)</b>         |                     |            |
| 28-0263              | Breaker                                   | 1                   | 81,15 €    |
| 28-0304              | Load Switch 16A 24V                       | 1                   | 15,27 €    |
| 28-0307              | EMV Interference suppression              | 1                   | 4,77 €     |
| 29-0400              | Emergency Switch                          | 1                   | 37,23 €    |
| 29-0437              | Safety Door Switch                        | 1                   | 262,53 €   |
| 35-1375              | Profibus Connector IP20                   | 1                   | 57,27 €    |
| 38-0124              | Hygrothermal Sensor                       | 1                   | 480,18 €   |
| 76-2971              | GPS receiver                              | 1                   | 247,25 €   |
|                      |                                           |                     |            |
|                      | <b>TX-/RX-/Trailer - Profibus Modules</b> |                     |            |
| 28-0287              | PLC-Interface 24DC                        | 1                   | 12,42 €    |
| 35-1454              | Fieldbus, Termination Module              | 2                   | 17,19 €    |
| 35-1525              | Analog Out                                | 4                   | 244,39 €   |
| 35-1526              | Analog Input                              | 2                   | 291,17 €   |

#### Weather Radar System X-Band

| Part Number | Descrizione | Q.tà per |  |
|-------------|-------------|----------|--|
|-------------|-------------|----------|--|

| (PN:)   |                                     | Sistema |          |
|---------|-------------------------------------|---------|----------|
| 35-1527 | Analog inputs for PT100 sensors     | 4       | 309,30 € |
| 35-1610 | Analog inputs 4–20 mA               | 7       | 229,12 € |
| 35-1657 | Digital inputs 24 V                 | 8       | 67,78 €  |
| 35-1658 | Digital outputs 24 V                | 5       | 77,32 €  |
| 35-1660 | M12 TINA 1A safety connector        | 1       | 59,19 €  |
| 35-1661 | M12 TINA 4A connection block        | 1       | 157,51 € |
| 35-1705 | Profibus Connector Axial            | 1       | 76,37 €  |
| 35-1737 | M12 TINA 6A adapter                 | 1       | 89,74 €  |
| 76-1669 | Fieldbus coupler                    | 4       | 438,18 € |
|         |                                     |         |          |
|         | <b>Consumables</b>                  |         |          |
| 25-0078 | Fuse 2A, 250V                       | 10      | 0,95 €   |
| 40-1057 | Bolt M4 x 16                        | 8       | 0,95 €   |
| 41-0007 | Washer                              | 8       | 0,95 €   |
| 41-0053 | Hex-Nut                             | 8       | 0,95 €   |
| 43-0031 | Lock Washer                         | 8       | 0,95 €   |
| 54-0319 | Seal for the elevation locking unit | 1       | 11,46 €  |
| 58-0197 | Sealing clamp profile armored       | 6,5m    | 9,54 €   |
| 74-0971 | Pressure Window                     | 2       | 141,29 € |
| 74-1043 | Cool Pads 50DX GDRX                 | 5       | 33,41 €  |
| 80-1221 | O-Ring Silikon                      | 8       | 6,68 €   |

| Tabella 3 - Lista parti di ricambio per le infrastrutture dei sistemi radar in banda C |                                                                                                |      |             |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------|-------------|
| Spare Part List for Infrastructures                                                    |                                                                                                |      |             |
| Weather Radar System C-Band                                                            |                                                                                                |      |             |
| Apparati                                                                               | MATERIALS                                                                                      | Q.tà |             |
| GENERATOR                                                                              | FULL MACHINERY (NON IN MAGAZZINO)                                                              | 1    | 26.084,44 € |
|                                                                                        | FUEL EATHER                                                                                    | 1    | 169,93 €    |
|                                                                                        | FILTERS                                                                                        | 1    | 106,92 €    |
|                                                                                        | PROBE                                                                                          | 1    | 519,32 €    |
|                                                                                        | ATS-Controller                                                                                 | 1    | 724,56 €    |
| CDZ                                                                                    | INTERNAL SPLITTER                                                                              | 1    | 894,49 €    |
|                                                                                        | EXTERNAL UNIT                                                                                  | 1    | 1.304,98 €  |
|                                                                                        | GAS X REFILLING                                                                                | 1    | 108,83 €    |
| ANEA                                                                                   | GENERAL BREAKERS                                                                               | 1    | 724,56 €    |
|                                                                                        | ABB / LOWARA ATS22                                                                             | 1    | 882,08 €    |
|                                                                                        | SET OF BREAKERS: ABB S200M;<br>2X16 + 2X25 + 2X32 + 4X16 + 4X63 +<br>DDA 2X40 cl AC 0,3A + DDA | 1    | 483,05 €    |

|          |                                                 |      |          |
|----------|-------------------------------------------------|------|----------|
| MISC ELL | 4x63 cl AC 0,3A                                 |      |          |
|          | INTERNAL LAMPS : <u>DISANO 992 -</u><br>T8 2x36 | 1    | 181,38 € |
|          | MOTORIZED GRID                                  | 1    | 544,15 € |
|          | ALARM DETECTOR SYSTEM                           | 1    | 532,68 € |
|          | FIRE DETERCTOR SYSTEM                           | 1    | 422,91 € |
|          | AUTOMATIC RELAIS                                | 1    | 302,61 € |
|          | PANELS FOR FALSE FLOOR                          | each | 67,78 €  |