

**D043XX13-V02**  
**Directional Coupler N**  
**PIM -140dBc**  
**380-2700**



**Directional Coupler 380-2700 N PIM=-140dBc**

**Preliminary**

| Type                | D0430513-v02<br>KD012305 | D0430613-v02<br>KD012306 | D0430713-v02<br>KD012307 | D0430813-v02<br>KD012308 |
|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Coupling Value (dB) | 5                        | 6                        | 7                        | 8                        |
| Coupling Bias (dB)  | ±1.0                     | ±1.0                     | ±1.0                     | ±1.2                     |
| Insertion Loss (dB) | ≤2.4                     | ≤1.8                     | ≤1.6                     | ≤1.2                     |

| Type                | D0431013-v02<br>KD012310 | D0431313-v02<br>KD012313 | D0431513-v02<br>KD012315 | D0432013-v02<br>KD012320 |
|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Coupling Value (dB) | 10                       | 13                       | 15                       | 20                       |
| Coupling Bias (dB)  | ±1.2                     | ±1.2                     | ±1.3                     | ±1.3                     |
| Insertion Loss (dB) | ≤0.9                     | ≤0.5                     | ≤0.45                    | ≤0.35                    |

|                          |                                      |
|--------------------------|--------------------------------------|
| Frequency Range (MHz)    | 380-2700                             |
| Return Loss (dB)         | ≥19                                  |
| Isolation (dB)           | ≥20                                  |
| PIM3 (dBc, @2x43dBm)     | ≤-140                                |
| Max Power (W)            | 300                                  |
| Connector                | N Female                             |
| Colour                   | Light Grey                           |
| Mounting                 | Wall Mount                           |
| Input Impedance (ohm)    | 50                                   |
| Operating Temp (°C)      | -40 to +65                           |
| Operating RH (%)         | ≤95                                  |
| Ingress Protection Class | IP67                                 |
| Weight (kgs)             | Approx. 0.56 (including connectors)  |
| Dimension (mm)           | 209 x 44 x 25 (excluding connectors) |

(D) M2166108341QDNY/M2167108341QDNY/M2168108341QDNY/M2169108341QDNY

(D) M2161208341QDNY/M2164208341QDNY/M2166208341QDNY/M2161308341QDNY