



| General Specifications | | | | | | |
|--------------------------------------|-----------------------------|-----------|-------------|---------------|-----------|-------------|
| Interface | N Male | N Female | 4.3-10 Male | 4.3-10 Female | 7-16 Male | 7-16 Female |
| Body Style | Straight | | | | | |
| Electrical Specifications | | | | | | |
| Impedance, Ohms [Ω] | 50 | | | | | |
| Return Loss DC to 3 GHz | ≤ -28 dB | | | | | |
| Dielectric Withstand Voltage [kV DC] | 2.0 | | 2.5 | | 4.0 | |
| Average Power [kW] | 0.6 | | 0.5 | | 1.0 | |
| Peak Power, maximum [kW] | 10 | | 5 | | 32 | |
| PIM (2 x 20 Watt carrier) [dBc] | -160 (Typical) | | | | | |
| Mechanical Specifications | | | | | | |
| Torque of interface [ft/lb] | 1.25 | | 3.68 | | 25 | |
| Outer Diameter [in] | 1.04 | | | | | |
| Length [in] | 2.47 | 2.46 | 2.52 | 2.74 | 2.53 | 2.36 |
| Weight [lb] | 0.31 | | 0.34 | | 0.40 | |
| Environmental Specifications | | | | | | |
| Temperature Range, °F [°C] | -40° to 158° [-40° to 70°] | | | | | |
| Degree of protection | IP 68 | | | | | |
| Materials | | | | | | |
| External | Brass with Trimetal | | | | | |
| Inner Contact Plating | Brass with Silver | | | | | |
| Outer Contact Plating | Brass with Silver | | | | | |
| Cable Dimensions [in] | | | | | | |
| Inner conductor outer diameter | 0.188 | | | | | |
| Outer conductor outer diameter | 0.512 | | | | | |
| Jacket outer diameter | 0.592 | | | | | |
| Product Codes | | | | | | |
| Connector code | NMA01250B | NFA01250B | 43MA01250B | 43FA01250B | DMA01250B | DFA01250B |

***Prep Tool Code: CT01250AIO-2**