

RFCOMPONENTS.COM.AU

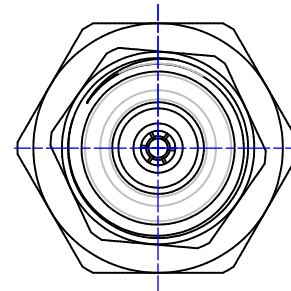
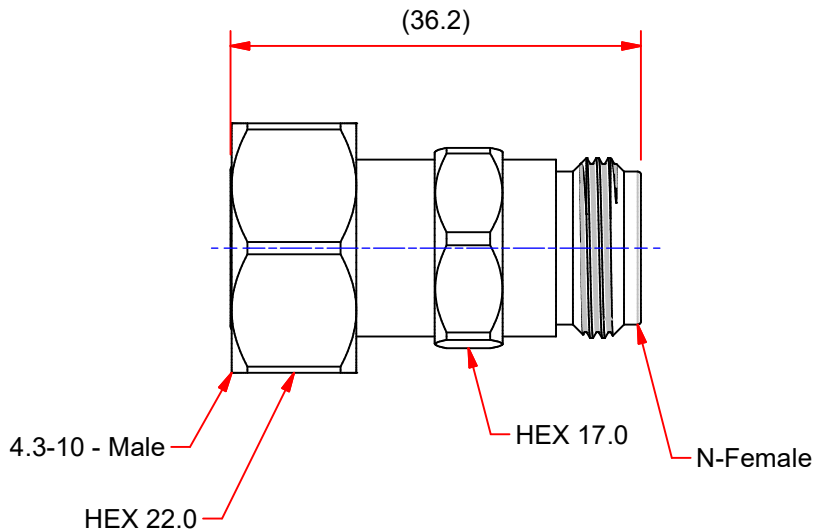
4.3-10 to N Adaptor

DC-6 GHz, 4.3-10 Male to N Female RF Coaxial Adaptor

RFADP-4.3M-NF

LOW PIM SERIES

Rev 2



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| REFERENCE STANDARD | IEC61165-54&IEC60169-16 |
| 1. ELECTRIC PERFORMANCE | |
| NOMINAL IMPEDANCE(Ω) | 50 |
| FREQUENCY RANGE | DC-6GHz |
| VSWR | $\leq 1.06@0-3\text{GHz}$ |
| | $\leq 1.1@3-6\text{GHz}$ |
| PIM(dBc) | $\leq -160(2*43\text{dBm})$ |
| INSERT LOSS | ≤ 0.1 |
| INSULATION RESISTANCE(M Ω) | ≥ 5000 |
| PROOF VOLTAGE(V) | 2500 |
| CONTACT RESISTANCE(m Ω) | OUTER CONDUCTOR <1.0 |
| | INNER CONDUCTOR <0.25 |
| 2. MECHANICAL PERFORMANCE | |
| RETENTION | $\geq 4\text{N}$ (OUTER CONDUCTOR) |
| | $\geq 1.5\text{N}$ (INNER CONDUCTOR) |
| MATING CYCLES | 100 |
| AXIAL FORCE | 200 N |
| INNER CONDUCTOR TORQUE | 0.3 N.m |
| IP CLASS | IP 67 |
| CORROSION RESISTANCE | 96h salt fog |
| 3. MATERIAL AND PLATING | |
| INNER CONDUCTOR | SPRING COPPER Ag5 μm |
| BODY | BRASS TIN-NICKEL ALLOY2 μm |
| OUTER CONDUCTOR | SPRING COPPER Ag5 μm |
| INSULATOR | PTFE |
| 4. ENVIRONMENT | |
| TEMP.RANGE | -40 $^{\circ}\text{C}$ ~+85 $^{\circ}\text{C}$ |
| WEATHER STANDARD | IEC 60068 40 / 085/ 21 |
| THERMAL SHOCK | IEC 60068 -2-14-Na |
| VIBRATION | IEC 60068-2-6-Fc |
| SHOCK | IEC 60068-2-27 |
| ROHS COMPLIANT | |

