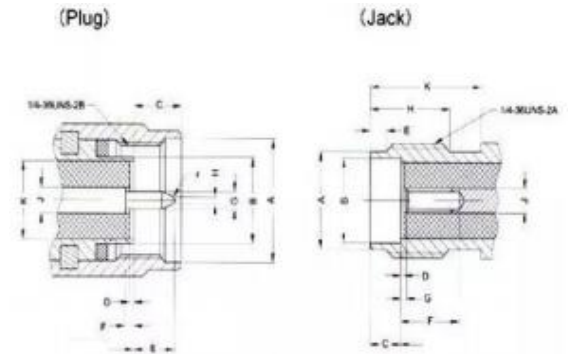


## N MALE TO SMA MALE ADAPTER



| Electrical & Mechanical Specifications |   |                             |
|--|---|-----------------------------|
| Characteristics Impedance              | 50 ohm  |                             |
| Frequency Range                        | DC-12.4GHz (0 – 18 GHz)   |                             |
| VSWR                                   | Straight Soft cable $\leq 1.10+0.002f$<br>Semi-steel cable $\leq 1.05+0.001f$<br>Right angle Soft cable $\leq 1.20+0.003f$<br>Semi-steel cable $\leq 1.10+0.001f$ |                             |
| Working Voltage                        | 335V max  |                             |
| Insertion Loss                         | $\leq 0.15$ dB/6 GHz  |                             |
| Withstanding Voltage                   | 1000V RMS, 50Hz, at sea level   |                             |
| Working Voltage                        | 1000V RMS, 50Hz at sea level  |                             |
| Contact Resistance                     | Center Contact $\leq 3m\Omega$<br>Outer Contact $\leq 2 m\Omega$  |                             |
| Dielectric Resistance                  | $\geq 5000M\Omega$  |                             |
| Durability                             | Mating cycles $\geq 500$  |                             |
| Material & Plating                     |   |                             |
|  | Material  | Plating                     |
| Body                                   | Brass   | Nickel Plated/ Alloy plated |
| Insulator                              | PTFE  | -                           |
| Inner Pin                              | Brass   | Gold Plated                 |
| Socket Contact                         | Beryllium or tin Bronze   | Gold Plated                 |
| Crimp Ferrule                          | Copper Alloy  | Nickel / Gold Plated        |
| Mechanical Specification               |   |                             |
| Temperature Range                      | $-65^{\circ}\text{C}$ ~ $+165^{\circ}\text{C}$ (PE Cable $-40^{\circ}\text{C}$ ~ $+85^{\circ}\text{C}$ )  |                             |
| Vibration                              | MTL-STD-202, Method 213   |                             |
| RoHS Compliant                         | Yes   |                             |