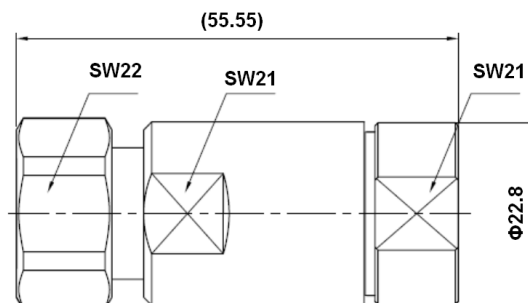


## HPL 4.3-10 male connector

**C2276E**

### Description

|                            |                             |
|----------------------------|-----------------------------|
| Inner Conductor:           | Silver - plated bronze      |
| Dielectric:                | PTFE                        |
| Body:                      | Copper alloy - plated brass |
| Clamping and Coupling Nut: | Nickel - plated brass       |
| Clamping Nut Waterproof:   | Silicone O-ring             |
| Coupling Waterproof:       | Silicone O-ring             |



### Electrical Characteristics

|  |                    |          |
|--|--------------------|----------|
| Impedance:   | 50 ± 1Ω            |          |
| Operating Frequency Band:  | DC ~ 4GHz          |          |
| VSWR (DC~3 GHz):   | ≤ 1.10             |          |
| (3~4 GHz):   | ≤ 1.20             |          |
| 3 <sup>rd</sup> Order Passive Intermodulation, Measured In Swept Frequency Mode With 2 × 20W Carriers, F ≤ 1880 MHz: | ≤ -160 dBc         |          |
| Voltage Test (at sea level):   | 2000 V eff / 50 Hz |          |
| Operating Voltage (at sea level):  | 1300 V eff / 50 Hz |          |
| Insulation Resistance:   | ≥5000 MΩ           |          |
| Contact Resistance:  | Inner contact:     | ≤ 1.0 mΩ |
|  | Outer contact:     | ≤ 1.0 mΩ |

### Mechanical & Environmental Characteristics

|                       |              |                 |
|-----------------------|--------------|-----------------|
| Interface Durability: | >100 cycles  |                 |
| Temperature:          | Operating    | -40 °C / +85 °C |
|                       | Installation | -25 °C / +55 °C |
|                       | Storage      | -50 °C / +85 °C |
| Weight:               | 110 g        |                 |
| Waterproof Index:     | IP68         |                 |
| RoHS Compliance:      | Yes          |                 |

### Installation Instruction

ANM - C2276E

### Compatibility with ACOME HPL 50 -1/2SF

M2839,M2830,M5308

Test Methods: IEC 61169-54, IEC 62037-3, IEC 60529