ACOME
Telecom, Data & Infrastructures

# HPL N male connector C2863X

## Description

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|---|---|
| **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 gasket |

## Electrical Characteristics

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|---|---|---|
| **Impedance:** | | 50 ± 1Ω |
| **Operating Frequency Band:** | | DC ~ 11GHz |
| **VSWR (0~3 GHz):** | | ≤ 1.10 |
| **3rd Order Passive Intermodulation, Measured In Swept Frequency Mode With 2 × 20W Carriers, F ≤ 1880 MHz:** | Static:<br>Dynamic: | ≤ -155 dBc<br>≤ -145 dBc |
| **Voltage Test (at sea level):** | | 1500 V eff / 50 Hz |
| **Operating Voltage (at sea level):** | | 900 V eff / 50 Hz |
| **Insulation Resistance:** | | ≥5000 MΩ |
| **Contact Resistance:** | Inner contact:<br>Outer contact: | ≤ 1.5 mΩ<br>≤ 1.0 mΩ |

## Mechanical & Environmental Characteristics

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|---|---|---|
| **Interface Durability:** | 500 cycles | |
| **Temperature:** | Operating | -40°C / +85°C |
| | Installation | -25°C / +55°C |
| | Storage | -50°C / +85°C |
| **Weight:** | 70g | |
| **Waterproof Index:** | IP68 | |
| **RoHS Compliance:** | Yes | |

## Installation Instruction

**ANM – C2863X**

## Compatibility with ACOME HPL 50 -3/8SF

**M5458, M5554**

| | |
|---|---|
| **Test Methods:** | IEC 61169-16, IEC 62037-3,IEC 60529 |

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*This technical specification is for reference only and is subject to change without notice.*