


# C2418E
# HYPERCELL

HPL 4.3-10 female connector

## GENERAL CHARACTERISTICS

| | |
|---|---|
| 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 |

### MECHANICAL & ENVIRONMENTAL

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

## ELECTRICAL

| | |
|---|---|
| Impedance: | 50 ± 1 Ω |
| Operating Frequency Band: | DC ~ 4GHz |
| VSWR: | DC ~ 3GHz: ≤ 1.10 |
| | 3 ~ 4 GHz: ≤ 1.20 |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W 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 |

# RANGE

Compatibility with ACOME HPL 50 -1/2SF

M2839,M2830,M5308

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

# RECOMMENDATIONS

## INSTALLATION INSTRUCTION

ANM – C2418E