



## C1485E HYPERCELL

Jumper 1/2F LSOH N Male - N Male

## GENERAL CHARACTERISTICS

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| Cable:     | ACOME 50-1/2F LSOH cable                                           |
| Connector: | N male                                                             |
| Assembly:  | Inner and outer contact 100% soldered and with thermal shrink tube |

## MECHANICAL & ENVIRONMENTAL

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Material and Finish of Connector Body:  | Copper alloy - plated brass |
| Material and Finish of Coupling Nut:    | Nickel - plated brass       |
| Material and Finish of Inner Conductor: | Silver - plated bronze      |
| Coupling Waterproof:                    | Silicone Rubber O-ring      |
| Coupling Torque:                        | 2.5 N.m Max.                |
| Minimum Bending Radius:                 | 70 mm                       |

## ENVIRONMENTAL

|                              |                           |
|------------------------------|---------------------------|
| Operating Temperature Range: | -40°C < $\theta$ < + 70°C |
| Waterproof Index:            | IP68 (1m /24 h)           |
| RoHS Compliance:             | Yes                       |
| Test Methods:                | IEC 61169, IEC 60529      |

ELECTRICAL

|                                                                               |                |            |  |                |            |
|-------------------------------------------------------------------------------|----------------|------------|--|----------------|------------|
| Impedance:                                                                    |                | 50 ± 1Ω    |  |                |            |
| Operating Frequency Range:                                                    |                | DC ~ 3GHz  |  |                |            |
| RMS Power (40 °C - 2 GHz):                                                    |                | 0.81 KW    |  |                |            |
| Velocity:                                                                     |                | 87%        |  |                |            |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries: | IM3 at 900MHz  | ≤ -160 dBc |  |                |            |
|                                                                               | IM3 at 1800MHz | ≤ -160 dBc |  | IM7 at 2100MHz | ≤ -160 dBc |

RANGE

| Length (m) | Product number | Weight (g) | Frequency 0/1000MHz |          | Frequency 1000/2200MHz |          | Frequency 2200/3000MHz |          |
|------------|----------------|------------|---------------------|----------|------------------------|----------|------------------------|----------|
|            |                |            | RL (dB)             | ATT (dB) | RL (dB)                | ATT (dB) | RL (dB)                | ATT (dB) |
| 1          | C1484E         | 395        | -32                 | 0.19     | -30                    | 0.29     | -26                    | 0.34     |
| 1.5        | C1485E         | 522        | -32                 | 0.23     | -30                    | 0.35     | -26                    | 0.41     |
| 2          | C0978E         | 650        | -32                 | 0.27     | -30                    | 0.40     | -26                    | 0.48     |
| 2.5        | C1486E         | 780        | -32                 | 0.30     | -30                    | 0.46     | -26                    | 0.54     |
| 3          | C0979E         | 910        | -32                 | 0.34     | -30                    | 0.52     | -26                    | 0.61     |
| 4          | C1487E         | 1165       | -32                 | 0.41     | -30                    | 0.63     | -26                    | 0.74     |
| 5          | C1488E         | 1420       | -32                 | 0.48     | -30                    | 0.73     | -26                    | 0.88     |
| 8          | C1489E         | 2180       | -30                 | 0.70     | -28                    | 1.08     | -24                    | 1.28     |
| 50.1       | C1495E         | 12800      | -26                 | 3.77     | -24                    | 5.79     | -24                    | 6.90     |