



## C2285E-L300 HYPERCELL

Jumper 1/2SF LSOH 4.3-10 Male – 7/16 Din Male

## GENERAL CHARACTERISTICS

|            |                                                        |
|------------|--------------------------------------------------------|
| Cable:     | ACOME 50-1/2SF LSOH cable                              |
| Connector: | Screw Type 4.3-10 Male /7/16 Din Male                  |
| Assembly:  | Inner and outer contact 100% soldered and with molding |

## 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:                        | Din interface    | 30 N.m Max.                 |
|                                         | 4.3-10 interface | 8 N.m Max                   |
| Minimum Bending Radius:                 |                  | 25 mm                       |

## ENVIRONMENTAL

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| Operating Temperature Range: | $-40^{\circ}\text{C} < \theta < + 70^{\circ}\text{C}$ |
| Waterproof Index:            | IP68 (1m /24 h)                                       |
| RoHS Compliance:             | Yes                                                   |
| Test Methods:                | IEC 61169, IEC 62037, IEC 60529                       |

ELECTRICAL

|                                                                               |                |            |  |                |            |
|-------------------------------------------------------------------------------|----------------|------------|--|----------------|------------|
| Impedance:                                                                    |                | 50 ± 1Ω    |  |                |            |
| Operating Frequency Range:                                                    |                | DC ~ 3GHz  |  |                |            |
| RMS Power (40 °C - 2 GHz):                                                    |                | 0.50 KW    |  |                |            |
| Velocity:                                                                     |                | 83%        |  |                |            |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries: | IM3 at 900MHz  | ≤ -161 dBc |  |                |            |
|                                                                               | IM3 at 1800MHz | ≤ -161 dBc |  | IM7 at 2100MHz | ≤ -161 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          | C2285X-L100    | 320        | -32                 | 0.31     | -30                    | 0.37     | -26                    | 0.41     |
| 2          | C2285X-L200    | 505        | -32                 | 0.42     | -30                    | 0.54     | -26                    | 0.60     |
| 3          | C2285X-L300    | 695        | -32                 | 0.53     | -30                    | 0.71     | -26                    | 0.81     |
| 4          | C2285X-L400    | 885        | -32                 | 0.64     | -30                    | 0.87     | -26                    | 1.05     |
| 5          | C2285X-L500    | 1070       | -32                 | 0.75     | -30                    | 1.05     | -26                    | 1.20     |