



## C1589E-L200 HYPERCELL

Jumper 1/2SF PE 4.3-10 Male – 4.3-10 Male

## GENERAL CHARACTERISTICS

|            |                                                        |
|------------|--------------------------------------------------------|
| Cable:     | ACOME 50-1/2SF PE cable                                |
| Connector: | Screw type 4.3-10 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:                        | 8 N.m Max.                  |
| Minimum Bending Radius:                 | 25 mm                       |

## ENVIRONMENTAL

|                              |                                                      |
|------------------------------|------------------------------------------------------|
| Operating Temperature Range: | $-55^{\circ}\text{C} < \theta < +70^{\circ}\text{C}$ |
| Waterproof Index:            | IP68 (1m /24 h)                                      |
| RoHS Compliance:             | Yes                                                  |
| Test Methods:                | IEC 61169, IEC 62037, IEC 60529                      |

RANGE

| Length<br>(m) | Product number | Weight<br>(g) | Frequency<br>0/1000MHz |             | Frequency<br>1000/2200MHz |          | Frequency<br>2200/3000MHz |          |
|---------------|----------------|---------------|------------------------|-------------|---------------------------|----------|---------------------------|----------|
|               |                |               | RL (dB)                | ATT<br>(dB) | RL (dB)                   | ATT (dB) | RL (dB)                   | ATT (dB) |
| 0.5           | C1589E-L50     | 155           | -32                    | 0.26        | -30                       | 0.29     | -26                       | 0.31     |
| 0.7           | C1589E-L70     | 185           | -32                    | 0.28        | -30                       | 0.32     | -26                       | 0.36     |
| 1             | C1589E-L100    | 235           | -32                    | 0.31        | -30                       | 0.37     | -26                       | 0.40     |
| 1.5           | C1589E-L150    | 325           | -32                    | 0.36        | -30                       | 0.45     | -26                       | 0.50     |
| 2             | C1589E-L200    | 410           | -32                    | 0.42        | -30                       | 0.54     | -26                       | 0.60     |
| 2.5           | C1589E-L250    | 495           | -32                    | 0.47        | -30                       | 0.62     | -26                       | 0.70     |
| 3             | C1589E-L300    | 580           | -32                    | 0.53        | -30                       | 0.71     | -26                       | 0.81     |
| 4             | C1589E-L400    | 750           | -32                    | 0.64        | -30                       | 0.87     | -26                       | 1.05     |
| 5             | C1589E-L500    | 920           | -32                    | 0.75        | -30                       | 1.05     | -26                       | 1.20     |
| 10            | C1589E-L1000   | 1760          | -30                    | 1.30        | -28                       | 1.90     | -24                       | 2.30     |