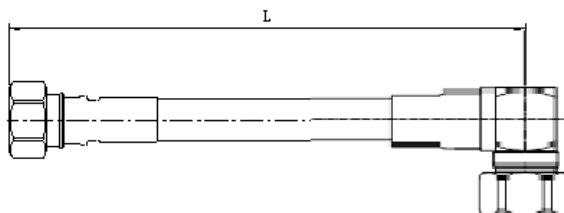


## Jumper 1/2SF PE 4.3-10 Male – 7/16 Din Male elbow

# ASTB-C2853X

### Description

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



### Electrical Characteristics

|   |                |            |
|---|----------------|------------|
| <b>Impedance:</b>   | 50 ± 1Ω        |            |
| <b>Operating Frequency Range:</b>   | DC ~ 3GHz      |            |
| <b>RMS Power (40 °C - 2 GHz):</b>   | 0.50 KW        |            |
| <b>Velocity:</b>  | 83%            |            |
| <b>Passive Intermodulation Measured In Swept Frequency Mode, With 2 × 20W Carriers:</b> | IM3 at 900MHz  | ≤ -150 dBc |
|   | IM3 at 1800MHz | ≤ -150 dBc |
|   | IM7 at 2100MHz | ≤ -150 dBc |

### Mechanical Characteristics

|  |                             |             |
|--|-----------------------------|-------------|
| <b>Material and Finish of Connector Body:</b>  | Copper alloy - plated brass |             |
| <b>Material and Finish of Coupling Nut:</b>    | Nickel - plated brass       |             |
| <b>Material and Finish of Inner Conductor:</b> | Silver - plated bronze      |             |
| <b>Coupling Waterproof:</b>                    | Silicone Rubber O-ring      |             |
| <b>Coupling Torque:</b>                        | Din interface               | 30 N.m Max. |
|  | 4.3-10 interface            | 8 N.m Max   |
| <b>Minimum Bending Radius:</b>                 | 25 mm                       |             |

### Environmental Characteristics

|                                     |                                 |
|-------------------------------------|---------------------------------|
| <b>Operating Temperature Range:</b> | -40 °C < θ < + 70 °C            |
| <b>Waterproof Index:</b>            | IP68 (1m /24 h)                 |
| <b>RoHS Compliance:</b>             | Yes                             |
| <b>Test Methods:</b>                | IEC 61169, IEC 62037, IEC 60529 |

| 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          | C2853X-L100    | 390        | -28                 | 0.31     | -26                    | 0.37     | -24                    | 0.41     |
| 2          | C2853X-L200    | 575        | -28                 | 0.42     | -26                    | 0.54     | -24                    | 0.60     |
| 3          | C2853X-L300    | 770        | -28                 | 0.53     | -26                    | 0.71     | -24                    | 0.81     |
| 4          | C2853X-L400    | 955        | -28                 | 0.64     | -26                    | 0.87     | -24                    | 1.05     |
| 5          | C2853X-L500    | 1140       | -28                 | 0.75     | -26                    | 1.05     | -24                    | 1.20     |
| 7          | C2853X-L700    | 1510       | -28                 | 0.89     | -26                    | 1.36     | -24                    | 1.62     |
| 10         | C2853X-L1000   | 2065       | -28                 | 1.22     | -26                    | 1.87     | -24                    | 2.22     |