

## 698-2700MHZ VSWR1.20 4 Port Directional Coupler

### Product Description:

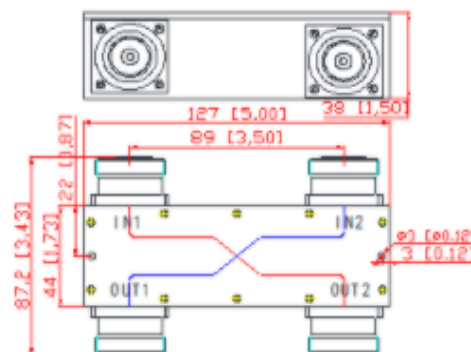
698-2700MHZ VSWR1.20 4 Port Directional Coupler

**698-2700MHZ DIN Female Low PIM -160dbc 3dB Hybrid Coupler Combiner DAS**

**Hybrid couplers** are the special case of a four-port directional coupler that is designed for a 3-dB (equal) power split. Hybrids come in two types, 90 degree or quadrature hybrids, and 180 degree hybrids.

Hybrid couplers are widely used as a directional 3db coupler with one termination port , also can be used as a combiner of 2 in 2 out and 2 in 1 out .

For some usage ,hybrid couplers can be combined as matrix, for example 4in 4out ,3in 3out etc.



| Mechanical & Electrical Specifications |                           |
|----------------------------------------|---------------------------|
| Part Number                            | SRS-HC2x2-0727-OD         |
| Operating Frequency ( MHz )            | 698-2700                  |
| Impedance ( Ohm )                      | 50                        |
| VSWR                                   | ≤1.20                     |
| Coupling (dB)                          | 3.0±0.8                   |
| Insertion Loss (dB)                    | 3.6                       |
| Isolation (dB)                         | ≥25                       |
| IM3 (dBc @ 2×43dBm)                    | -140 / -150 / -155 / -160 |
| Application                            | Indoor & Outdoor          |
| Degree of Protection                   | IP65                      |
| Operating Temperature ( °C )           | -40 ~ + 80                |
| Interface                              | Din Female                |
| Handling Power (Watt, max)             | 500                       |
| Peak Power (Watt, max)                 | 1500                      |
| Dimension (mm)(L×W×H, excl connector)  | 127 × 44 × 38             |
| Net Weight (g)                         | 810 ± 20                  |
| Packing Weight (kg/pcs)                | 17.7 / 20                 |
| Packing Dimensions (mm,L×W×H)          | 170 × 100 × 40            |
| Packing Carton Size (mm,L×W×H)         | 520 × 360 × 110           |
| ROHS Compliance                        | Yes                       |

Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

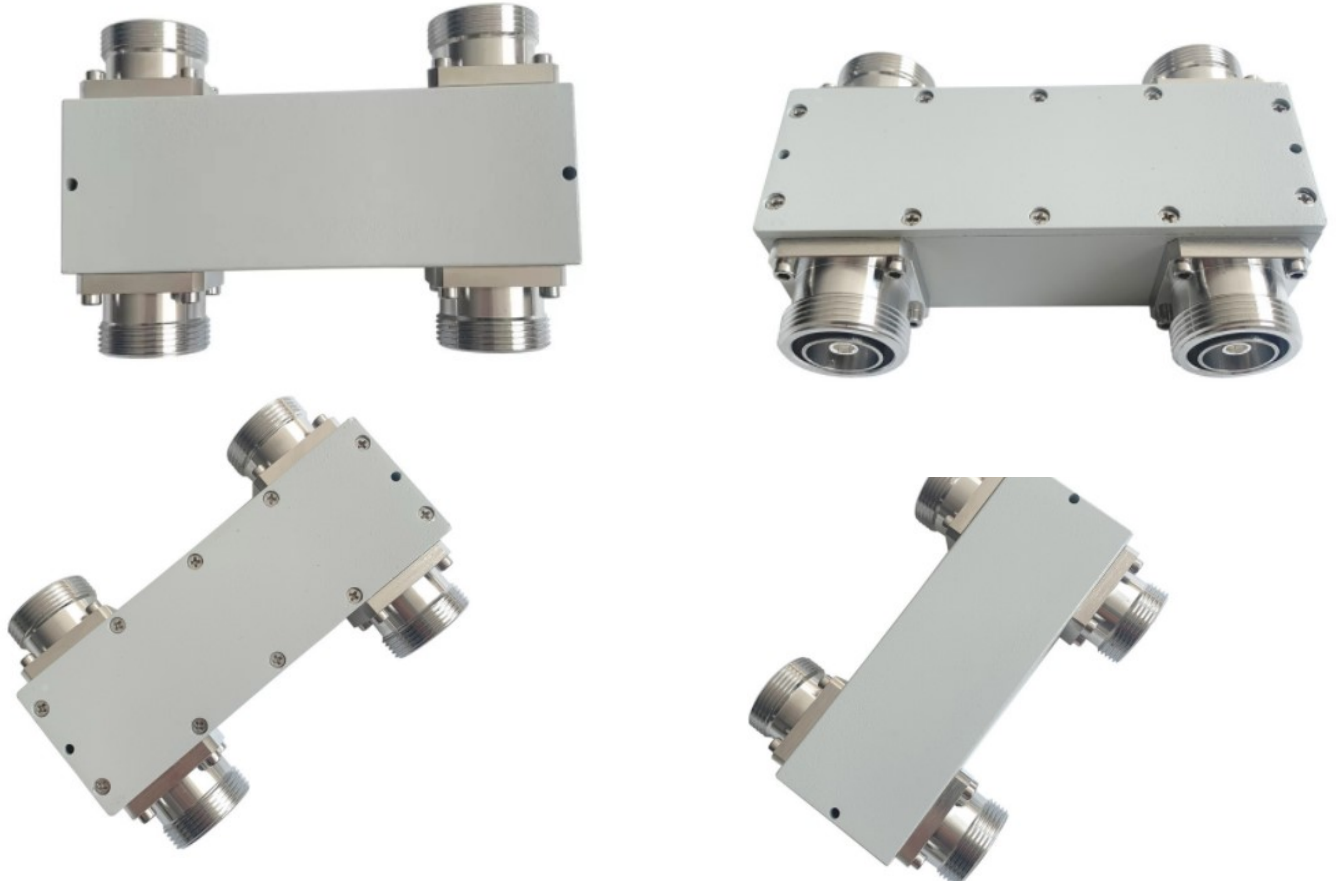
+91-9027232570, +91-8800726650 [info@srfsteleinfra.in](mailto:info@srfsteleinfra.in), [info@srfsteleinfra.com](mailto:info@srfsteleinfra.com)

[www.srfsteleinfra.in](http://www.srfsteleinfra.in)

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+91-9027232570, +91-8800726650 ✉ [info@srfsteleinfra.in](mailto:info@srfsteleinfra.in), [info@srfsteleinfra.com](mailto:info@srfsteleinfra.com)

 [www.srfsteleinfra.in](http://www.srfsteleinfra.in)