

### Product Description:

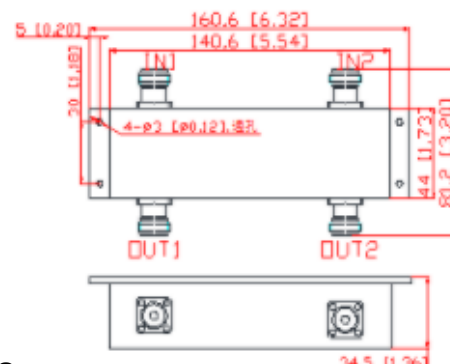
2\*2 600-4000MHZ -163dbc 3db hybrid combiner

### 600-4000MHZ N Female Low PIM 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                            | SRFS-HC2x2-0640-ON |
| Operating Frequency ( MHz )            | 600-4000           |
| Impedance ( Ohm )                      | 50                 |
| VSWR                                   | 1.25               |
| Coupling (dB)                          | 3±1                |
| Insertion Loss (dB)                    | 3±1                |
| Isolation (dB)                         | 23                 |
| IM3 (dBc @ 2×43dBm)                    | -153/-163          |
| Application                            | Indoor & Outdoor   |
| Degree of Protection                   | IP65               |
| Operating Temperature ( °C )           | -40 ~ + 80         |
| Interface                              | N Female           |
| Handling Power (Watt, max)             | 300                |
| Peak Power (Watt, max)                 | 1200               |
| Dimension (mm)(L×W×H, excl connector)  | 140.6*44*34.5      |
| Net Weight (g)                         | 590                |
| Packing Weight (kg/pcs)                | 12.9/20            |
| Packing Dimensions (mm,L×W×H)          | 170*100*40         |
| Packing Carton Size (mm,L×W×H)         | 520*360*105        |
| ROHS Compliance                        | Yes                |

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# SRFS TELEINFRA



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