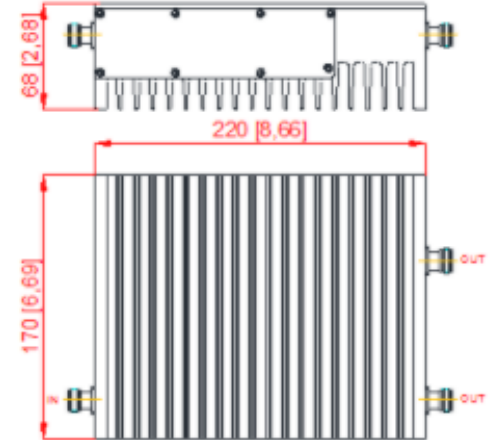


## 100watt 3800MHz Broadband Wideband RF 3db Hybrid Coupler



### Product Description:

100watt 3800MHz Broadband Wideband RF 3db Hybrid Coupler

**N Female -153dbc -163dbc 698 To 3800MHz Low PIM 2IN 1OUT Hybrid Combiner**

The hybrid combiner is used to split and combiner RF signals. It is related to the 3 dB hybrid which is based on PCB transmission lines or dielectric 3db hybrid , and is most commonly used as combiner in distributed antenna system(DAS).

### Mechanical & Electrical Specifications

| Mechanical & Electrical Specifications |                                    |
|--|------------------------------------|
| Part Number                            | SRFS-LPHC2x1-0738-ON               |
| Operating Frequency ( MHz )            | 690-3800                           |
| Impedance ( Ohm )                      | 50                                 |
| VSWR                                   | 1.25                               |
| Coupling (dB)                          | 3                                  |
| Insertion Loss (dB)                    | ≤0.8(splitting loss not including) |
| Isolation (dB)                         | 23                                 |
| IM3 (dBc @ 2×43dBm)                    | -160                               |
| Application                            | Indoor & Outdoor                   |
| Degree of Protection                   | IP65                               |
| Operating Temperature ( °C )           | -40 ~ + 80                         |
| Interface                              | N Female                           |
| Handling Power (Watt, max)             | 100                                |
| Peak Power (Watt, max)                 | 1000                               |
| Dimension (mm)(L×W×H, excl connector)  | 220X170X68                         |
| ROHS Compliance                        | Yes                                |

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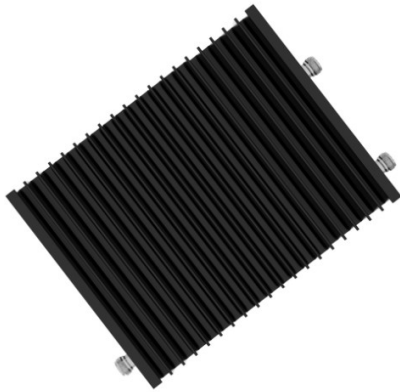
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# SRFS TELEINFRA



100watt 3800MHz Broadband Wideband RF 3db Hybrid Coupler



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