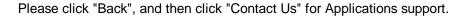
## Engineering Development Model

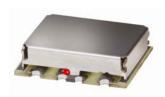
## Power Splitter/Combiner SYPQ-ED13926/1

2 Way-90°

## **Important Note**

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.





**CASE STYLE: AH1415** 

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C                  |             |      |      |      |       |
|--|-------------|------|------|------|-------|
| Parameter  |             | Min. | Тур. | Max. | Units |
| Frequency  |             | 120  |      | 180  | MHz   |
| Isolation  | 120-180 MHz |      | 22   |      | dB    |
| Insertion Loss Average of Coupled Outputs above 3.0 dB | 120-180 MHz |      | 0.20 |      | dB    |
| Phase Unbalance  | 120-180 MHz |      | 0.35 |      | deg.  |
| Amplitude Unbalance                                    | 120-180 MHz |      | 0.20 |      | dB    |
| VSWR   | SUM Port    |      | 1.14 |      | (:1)  |
|  | OUT Ports   |      | 1.16 |      | (:1)  |

| MAXIMUM RATINGS       |                |  |  |
|-----------------------|----------------|--|--|
| Operating Temperature | -40°C to 85°C  |  |  |
| Storage Temperature   | -55°C to 100°C |  |  |

| PIN CONNECTIONS      |         |  |  |
|----------------------|---------|--|--|
| SUM PORT             | 1       |  |  |
| PORT 1 (0°)          | 5       |  |  |
| PORT 2 (90°)         | 8       |  |  |
| GROUND               | 2,3,6,7 |  |  |
| 50 OHM TERM EXTERNAL | 4       |  |  |

