## Engineering Development Model

## Power Splitter/Combiner ADPQ-ED10603/1 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.



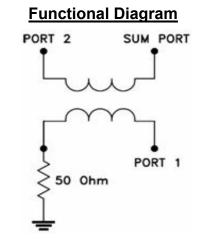
Please click "Back", and then click "Contact Us" for Applications support.

| CASE | STYL | <b>E</b> : | X0 |
|------|------|------------|----|
| OAOL |      |            | ~~ |

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C                       |              |      |       |      |       |
|---|--------------|------|-------|------|-------|
| Parameter   |              | Min. | Тур.  | Max. | Units |
| Frequency   |              | 70   |       | 170  | MHz   |
| Isolation   | 70 - 170 MHz |      | 22    |      | dB    |
| Insertion Loss<br>Average of Coupled Outputs<br>less 3.0 dB | 70 - 170 MHz |      | 0.25  |      | dB    |
| Phase Unbalance   | 70 - 170 MHz |      | 0.417 |      | deg.  |
| Amplitude Unbalance   | 70 - 170 MHz |      | 0.359 |      | dB    |
| VSWR  | SUM Port     |      | 1.20  |      | (:1)  |
|   | OUT Ports    |      | 1.20  |      | (:1)  |

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

| PIN CONNECTIONS |      |  |  |
|-----------------|------|--|--|
| SUM PORT        | 1    |  |  |
| PORT 1          | 6    |  |  |
| PORT 2          | 4    |  |  |
| GND EXT         | 2, 5 |  |  |
| 50Ω TERMINATION | 3    |  |  |





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