



### Features

- All ports F-(f) connector, 75Ω
- Zinc die cast housing , nickel-plated
- Two pieces of screws attached
- Low insertion loss, high return loss and isolation
- Particularly design for easy and convenient installation
- Grounding terminal provided

## Indoor RF Splitter / Indoor Tap

### Specifications

| Model                            |                | PAS SPL 2       | PAS SPL 3       | PAS SPL 4       | PAS SPL 6        | PAS SPL 8       |
|----------------------------------|----------------|-----------------|-----------------|-----------------|------------------|-----------------|
| Insertion Loss (dB)<br>(IN-OUT)  | 5 - 40 MHz     | ≤ 3.5           | ≤ 5.6           | ≤ 6.7           | ≤ 9.0            | ≤ 10.7          |
|                                  | 40 - 470 MHz   | ≤ 3.5           | ≤ 5.6           | ≤ 7.5           | ≤ 9.2            | ≤ 11.0          |
|                                  | 470 - 1000 MHz | ≤ 4.5           | ≤ 7.0           | ≤ 8             | ≤ 11             | ≤ 12            |
| Isolation Loss (dB)<br>(OUT-OUT) | 5 - 40 MHz     | ≥ 22            | ≥ 25            | ≥ 25            | ≥ 25             | ≥ 25            |
|                                  | 40 - 470 MHz   | ≥ 26            | ≥ 25            | ≥ 25            | ≥ 20             | ≥ 22            |
|                                  | 470 - 1000 MHz | ≥ 24            | ≥ 23            | ≥ 23            | ≥ 20             | ≥ 20            |
| Return Loss (dB)<br>(IN&OUT)     | 5 - 40 MHz     | ≥ 21            | ≥ 20            | ≥ 18            | ≥ 18             | ≥ 17            |
|                                  | 40 - 470 MHz   | ≥ 20            | ≥ 20            | ≥ 20            | ≥ 16             | ≥ 20            |
|                                  | 470 - 1000 MHz | ≥ 16            | ≥ 16            | ≥ 16            | ≥ 15             | ≥ 15            |
| Dimensions (L x H x D)           |                | 65 x 55 x 16 mm | 88 x 55 x 16 mm | 88 x 55 x 16 mm | 118 x 60 x 18 mm | 118 x 60 x 18mm |

| Model                             |                | 2 Way Tap  |             |             |             |             |             |             | 4 Way Tap   |             |             |             |             |             |
|-----------------------------------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                   |                | PAS TAP2-8 | PAS TAP2-10 | PAS TAP2-12 | PAS TAP2-14 | PAS TAP2-16 | PAS TAP2-18 | PAS TAP2-20 | PAS TAP4-12 | PAS TAP4-14 | PAS TAP4-16 | PAS TAP4-18 | PAS TAP4-20 | PAS TAP4-22 |
| Insertion Loss(dB)<br>IN-OUT      | 5 - 40 MHz     | ≤ 4.0      | ≤ 2.2       | ≤ 1.5       | ≤ 1.5       | ≤ 1.2       | ≤ 1.2       | ≤ 1.2       | ≤ 3.3       | ≤ 2.5       | ≤ 2.0       | ≤ 1.0       | ≤ 1.0       | ≤ 0.8       |
|                                   | 40 - 470 MHz   | ≤ 4.5      | ≤ 2.5       | ≤ 2.0       | ≤ 2.0       | ≤ 1.5       | ≤ 1.5       | ≤ 1.5       | ≤ 3.5       | ≤ 3.0       | ≤ 2.0       | ≤ 1.0       | ≤ 1.0       | ≤ 0.8       |
|                                   | 470 - 1000 MHz | ≤ 6.0      | ≤ 3.5       | ≤ 2.5       | ≤ 2.5       | ≤ 2.0       | ≤ 2.0       | ≤ 2.0       | ≤ 4.7       | ≤ 3.5       | ≤ 2.8       | ≤ 1.8       | ≤ 1.5       | ≤ 1.2       |
| Tap Loss(dB)<br>IN-TAP            | 5 - 40 MHz     | 8 ± 1.8    | 10 ± 1.5    | 12 ± 1.5    | 14 ± 1.5    | 16 ± 1.5    | 18 ± 1.5    | 20 ± 1.5    | 12 ± 1.5    | 14 ± 1.5    | 16 ± 1.5    | 18 ± 1.5    | 20 ± 1.5    | 22 ± 1.5    |
|                                   | 40 - 1000 MHz  | 8 ± 1.8    | 10 ± 1.5    | 12 ± 1.5    | 14 ± 1.5    | 16 ± 1.5    | 18 ± 1.5    | 20 ± 1.5    | 12 ± 1.5    | 14 ± 1.5    | 16 ± 1.5    | 18 ± 1.5    | 20 ± 1.5    | 22 ± 1.5    |
| Reverse Isolation(dB)<br>OUT-TAP  | 5 - 40 MHz     | ≥ 25       | ≥ 25        | ≥ 28        | ≥ 30        | ≥ 30        | ≥ 30        | ≥ 30        | ≥ 27        | ≥ 25        | ≥ 25        | ≥ 32        | ≥ 34        | ≥ 36        |
|                                   | 40 - 470 MHz   | ≥ 22       | ≥ 22        | ≥ 25        | ≥ 25        | ≥ 25        | ≥ 28        | ≥ 28        | ≥ 24        | ≥ 25        | ≥ 25        | ≥ 28        | ≥ 28        | ≥ 28        |
|                                   | 470 - 1000 MHz | ≥ 16       | ≥ 18        | ≥ 20        | ≥ 22        | ≥ 24        | ≥ 25        | ≥ 25        | ≥ 20        | ≥ 23        | ≥ 24        | ≥ 25        | ≥ 25        | ≥ 25        |
| Mutual Isolation(dB)<br>TAP-TAP   | 5 - 40 MHz     | ≥ 27       | ≥ 27        | ≥ 27        | ≥ 30        | ≥ 35        | ≥ 35        | ≥ 36        | ≥ 27        | ≥ 27        | ≥ 27        | ≥ 27        | ≥ 27        | ≥ 27        |
|                                   | 40 - 470 MHz   | ≥ 25       | ≥ 25        | ≥ 25        | ≥ 27        | ≥ 30        | ≥ 30        | ≥ 32        | ≥ 25        | ≥ 25        | ≥ 25        | ≥ 25        | ≥ 25        | ≥ 25        |
|                                   | 470 - 1000 MHz | ≥ 22       | ≥ 25        | ≥ 25        | ≥ 25        | ≥ 28        | ≥ 28        | ≥ 30        | ≥ 22        | ≥ 22        | ≥ 22        | ≥ 22        | ≥ 22        | ≥ 22        |
| Return Loss(dB)<br>IN 、 OUT 、 TAP | 5 - 40 MHz     | ≥ 18       | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        | ≥ 18        |
|                                   | 40 - 470 MHz   | ≥ 20       | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        | ≥ 20        |
|                                   | 470 - 1000 MHz | ≥ 16       | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        | ≥ 16        |
| Dimensions (mm)                   | Length         | 78         | 78          | 78          | 78          | 57          | 57          | 57          | 78          | 78          | 78          | 78          | 77          | ---         |
|                                   | Height         | 53         | 53          | 53          | 53          | 49          | 49          | 49          | 62          | 62          | 62          | 62          | 49          | ---         |
|                                   | Depth          | 26         | 26          | 26          | 26          | 16          | 16          | 16          | 27          | 27          | 27          | 27          | 16          | ---         |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.