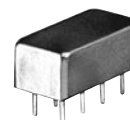


## Non-Catalog Model

# Power Splitter/Combiner

4 Way-0°

## PSC-4-1W-75



CASE STYLE: A05

### Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.

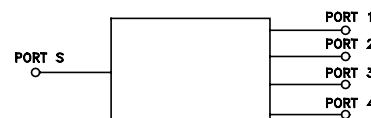
Please click "Back", and then click "Contact Us" for Applications support.

| ELECTRICAL SPECIFICATIONS 75Ω@ +25°C |            |      |      |       |
|--------------------------------------|------------|------|------|-------|
| Parameter                            | Min.       | Typ. | Max. | Units |
| Frequency                            | 5          |      | 650  | MHz   |
| Isolation                            | 5-50MHz    | 22   | 38   | dB    |
|                                      | 50-325MHz  | 22   | 40   |       |
|                                      | 325-650MHz | 18   | 25   |       |
| Insertion Loss Above 6.0 dB          | 5-50MHz    |      | 0.6  | dB    |
|                                      | 50-325MHz  |      | 0.65 |       |
|                                      | 325-650MHz |      | 0.9  |       |
| Phase Unbalance                      | 5-50MHz    |      | 1    | deg.  |
|                                      | 50-325MHz  |      | 3    |       |
|                                      | 325-650MHz |      | 5    |       |
| Amplitude Unbalance                  | 5-50MHz    |      | 0.2  | dB    |
|                                      | 50-325MHz  |      | 0.3  |       |
|                                      | 325-650MHz |      | 0.6  |       |

| MAXIMUM RATINGS           |                |
|---------------------------|----------------|
| Operating Temperature     | -55°C to 100°C |
| Storage Temperature       | -55°C to 100°C |
| Abs. Max Power            | 0.5W           |
| Internal Load Dissipation | .250W          |

| PIN CONNECTIONS |       |
|-----------------|-------|
| SUM PORT        | 4     |
| PORT 1          | 7     |
| PORT 2          | 8     |
| PORT 3          | 1     |
| PORT 4          | 2     |
| GND EXT         | 3,5,6 |
| CASE GND        | 3,5,6 |

### Electrical Schematic



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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RF/IF MICROWAVE COMPONENTS

REV. OR  
M114324  
PSC-4-1W-75  
071030