

# STRIPLINE POWER DIVIDERS, 3 WAY - 0°

## SPECIFIC BANDWIDTHS

| Frequency Range (GHz) | Insertion Loss (dB) max. | Isolation (dB) min. | Amplitude Balance (dB) max. | Phase Balance (Deg) max. | VSWR max. | (1) Input Power (watts) max. | P/N            |
|-----------------------|--------------------------|---------------------|-----------------------------|--------------------------|-----------|------------------------------|----------------|
| 0.5-1.0               | 0.6                      | 17                  | 0.4                         | 6.0                      | 1.35:1    | 5                            | PS3-01-451/4N  |
| 0.5-1.0               | 0.6                      | 17                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-01-451/4S  |
| 0.8-1.0               | 0.3                      | 20                  | 0.3                         | 3.0                      | 1.30:1    | 5                            | PS3-02-451/1N  |
| 0.8-1.0               | 0.3                      | 20                  | 0.3                         | 3.0                      | 1.30:1    | 5                            | PS3-02-451/1S  |
| 1.0-1.5               | 0.3                      | 20                  | 0.3                         | 7.0                      | 1.35:1    | 5                            | PS3-03-451/1N  |
| 1.0-1.5               | 0.3                      | 20                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-03-451/1S  |
| 1.4-1.7               | 0.3                      | 20                  | 0.3                         | 7.0                      | 1.35:1    | 5                            | PS3-04-451/2N  |
| 1.4-1.7               | 0.3                      | 20                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-04-451/2S  |
| 1.7-1.9               | 0.3                      | 20                  | 0.3                         | 7.0                      | 1.35:1    | 5                            | PS3-05-451/3N  |
| 1.7-1.9               | 0.3                      | 20                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-05-451/3S  |
| 0.5-2.0               | 0.6                      | 17                  | 0.4                         | 7.0                      | 1.40:1    | 5                            | PS3-06-451/4N  |
| 0.5-2.0               | 0.6                      | 17                  | 0.3                         | 7.0                      | 1.40:1    | 5                            | PS3-06-451/4S  |
| 1.5-2.5               | 0.4                      | 19                  | 0.3                         | 7.0                      | 1.35:1    | 5                            | PS3-07-451/3N  |
| 1.5-2.5               | 0.3                      | 19                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-07-451/3S  |
| 2.0-2.5               | 0.4                      | 20                  | 0.3                         | 5.0                      | 1.35:1    | 5                            | PS3-08-451/3N  |
| 2.0-2.5               | 0.3                      | 20                  | 0.3                         | 5.0                      | 1.35:1    | 5                            | PS3-08-451/3S  |
| 1.0-3.0               | 0.6                      | 16                  | 0.5                         | 8.0                      | 1.50:1    | 5                            | PS3-09-451/5N  |
| 1.0-3.0               | 0.6                      | 17                  | 0.5                         | 6.0                      | 1.50:1    | 5                            | PS3-09-451/5S  |
| 2.0-4.0               | 0.7                      | 16                  | 0.4                         | 10.0                     | 1.50:1    | 5                            | PS3-10-451/3N  |
| 2.0-4.0               | 0.7                      | 17                  | 0.4                         | 8.0                      | 1.40:1    | 5                            | PS3-10-451/3S  |
| 3.652-4.25            | 0.5                      | 19                  | 0.3                         | 6.0                      | 1.40:1    | 5                            | PS3-11-451/6N  |
| 3.625-4.25            | 0.5                      | 19                  | 0.3                         | 6.0                      | 1.35:1    | 5                            | PS3-11-451/6S  |
| 2.0-6.0               | 0.9                      | 16                  | 0.4                         | 7.0                      | 1.50:1    | 5                            | PS3-12-451/7N  |
| 2.0-6.0               | 0.9                      | 16                  | 0.3                         | 7.0                      | 1.50:1    | 5                            | PS3-12-451/7S  |
| 5.8-6.45              | 0.6                      | 17                  | 0.3                         | 7.0                      | 1.40:1    | 5                            | PS3-13-451/8N  |
| 5.8-6.45              | 0.6                      | 18                  | 0.3                         | 7.0                      | 1.35:1    | 5                            | PS3-13-451/8S  |
| 4.0-8.0               | 0.9                      | 16                  | 0.4                         | 9.0                      | 1.60:1    | 5                            | PS3-14-451/9N  |
| 4.0-8.0               | 0.9                      | 16                  | 0.4                         | 8.0                      | 1.60:1    | 5                            | PS3-14-451/9S  |
| 7.2-8.5               | 0.8                      | 16                  | 0.3                         | 10.0                     | 1.50:1    | 5                            | PS3-15-451/9N  |
| 7.2-8.5               | 0.8                      | 16                  | 0.3                         | 8.0                      | 1.50:1    | 5                            | PS3-15-451/9S  |
| 8.0-12.4              | 1.2                      | 15                  | 0.4                         | 10.0                     | 1.70:1    | 30                           | PS3-16-451/10S |

Note: (1) For Load VSWR better than 1.2:1.

\* Also available in outline 433/X, and at other frequency bands - consult factory.

\* See outlines on following page.

Power Dividers