

Power divider 450MHz

Using PDW2-0406N power divider it is possible to combine or divide two RF-signals in 450MHz frequency range.

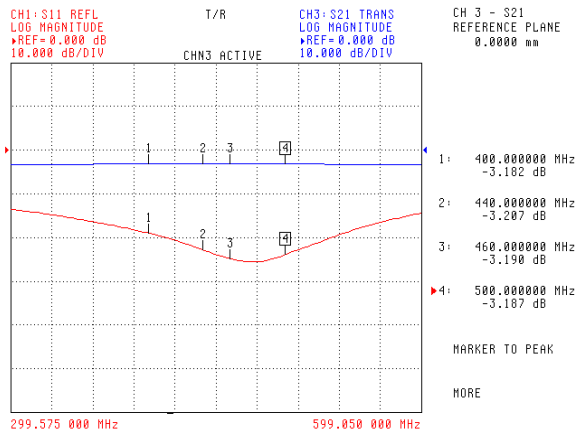


Figure 1: Example of transmission IN<>OUT and return loss (IN)

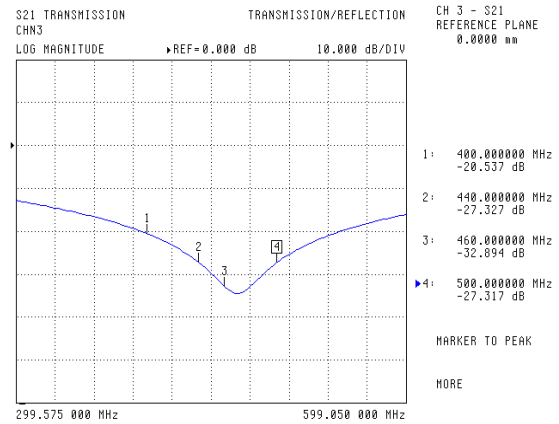


Figure 2: Example of transmission OUT<>OUT

Technical specifications:

| | |
|--------------------------------------|----------------|
| Number of ports | 3 |
| Operating frequency bands | 400-500MHz |
| Insertion loss IN<>OUT (above 3.0dB) | <0.2dB |
| Amplitude balance | ±0.05dB |
| Phase balance | ±1° |
| Return loss | >19dB |
| Isolation OUT<>OUT (at 450MHz) | >28dB |
| Max. input power | 4W |
| Impedance | 50Ω |
| Connectors | N-female |
| Dimensions | 40 x 60 x 35mm |