

Power divider 450MHz

Using PDW3-0406N power divider it is possible to combine or divide three RF-signals in 450MHz frequency range.

Technical specifications:



Figure 1: PDW3-0405N top view.

Number of ports	4
Operating frequency bands	400-500MHz
Insertion loss IN<>OUT (above 4.8dB)	<0.2dB
Amplitude balance	±0.1dB
Phase balance	±1°
Return loss:	
@ center frequency	>20dB
@ edges of range	>16dB
Isolation OUT<>OUT (at 450MHz)	>30dB
Max. input power	4W
Impedance	50Ω
Connectors	N-female
Dimensions	105 x 80 x 35mm

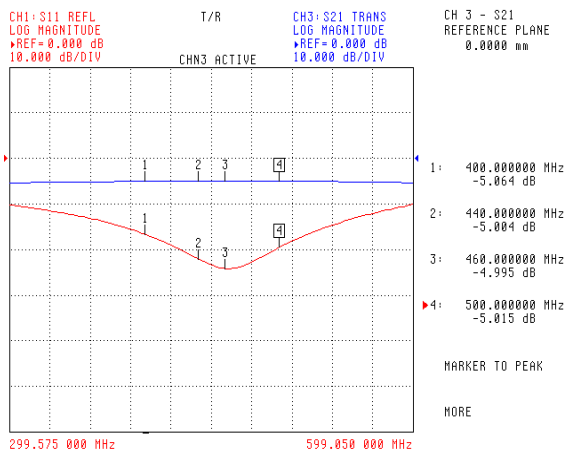


Figure 2: Example of transmission IN<>OUT and return loss (IN)

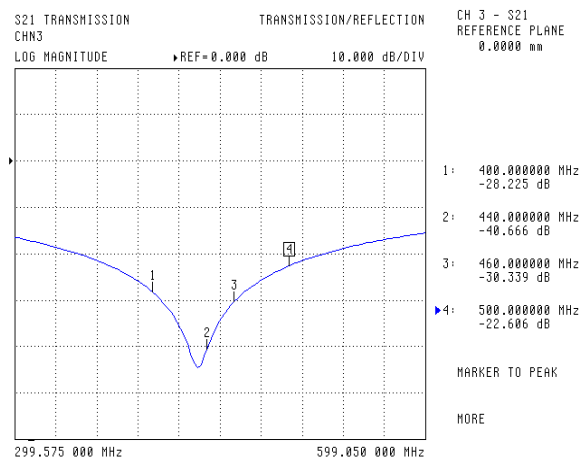


Figure 3: Example of transmission OUT<>OUT