



## PDR Series Technical Spec

Features and Groups	Units	Model	
		PDR-304.1	PDR-304.2
Number of Inputs		16	16
Number of Additional Insertion Ports		NA	16
Number of 1:1 Splitting Outputs		3	3
Number of 2x1 Combining Outputs		8	8
Number of 4x1 Combining Outputs		4	4
Number of 8x1 Combining Outputs		2	2
Number of 2x1, 4x1 and 8x1 Outputs for each Combining Group		2	2
Frequency Bandwidth	MHz	5 - 200	
Insertion Loss 1:1 Output "A" *)	dB	16±0.2	
Insertion Loss 1:1 Outputs "B" and "C" *)	dB	26±0.2	
Flatness Insertion Loss 1:1 Outputs	dB	±0.2	
Added Insertion Loss from Insertion Input to any Output	dB	16±0.2	
Insertion Loss Input - any other group Outputs	dB	26±0.2	
Flatness Insertion Loss Input - any other group Outputs	dB	±0.2	
Insertion Loss Input - Test Port	dB	20±0.2	
Return Loss Inputs and Outputs, min	dB	20	
Isolation between 1:1 Outputs, min			
between Outputs "B" and "C"	dB	55	
between Outputs "A" and "B" or "C"	dB	47	
between Outputs 2x1 Groups			
5-70 MHz	dB	40	
70-200MHz	dB	30	
between Outputs 4x1 Groups	dB	42	
between Outputs 8x1 Groups	dB	40	
Isolation between Adjacent Inputs, min			
5-70 MHz	dB	45	
70-200MHz	dB	35	
Isolation between Non-Adjacent Inputs, min			
5-70 MHz	dB	50	
70-200MHz	dB	45	
True C/I Ratio Input - Non-Adjacent Outputs, min			
5-70 MHz	dB	55	
70-200MHz	dB	45	

