

PD-716N series power dividers

7/16" DIN input, N-type female output, single or two-stage

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Power dividers are designed to allow antennas to be mounted in a 2, 3 or 4 stack phased array formation, whilst maintaining optimum return loss, ideal for broadcasters.

The length and weight of power dividers will vary according to frequency. Set frequency band power dividers are available, please see following pages for more information.



Single stage	Frequency range	Bandwidth	Output connectors
PD-716N2	Specify frequency	Specify 10% around centre frequency	2 x N-type female
PD-716N3			3 x N-type female
PD-716N4			4 x N-type female
Two stage			
PD2-716N2	Specify frequency	Specify 25% around centre frequency	2 x N-type female
PD2-716N3			3 x N-type female
PD2-716N4			4 x N-type female
Specifications			
Construction	Painted brass and Tri-metal plated connectors		
Input connector	7/16" DIN female - at base		
Output connector	N-type females - at top		
Return loss	Better than -26dB across bandwidth		
Maximum input power	1 Kilowatt - 2 output connectors 1.5 Kilowatts - 3 output connectors 2 Kilowatts - 4 output connectors		
Impedance	50 Ohm		
Dimensions	Length and weight will vary according to frequency		
Warranty	2 Years		
Branch feeders	Can be assembled upon request, consult ZCG		
Mounting hardware	2 x PDC-S - 30-50mm mast, supplied		



Set frequency models on following page...

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Single stage	Frequency range	Bandwidth	Output connectors
PD-716N2-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	2 x N-type female
PD-716N2-200	VHF TV/DAB Radio 174-230MHz		
PD-716N2-400	UHF 300-500MHz		
PD-716N2-500	UHF Digital TV 520-820MHz		
PD-716N2-800	Mobile phone 800-900MHz		
PD-716N3-200	VHF TV/DAB Radio 174-230MHz	Specify 10% around centre frequency	3 x N-type female
PD-716N3-400	UHF 300-500MHz		
PD-716N3-500	UHF Digital TV 520-820MHz		
PD-716N4-200	VHF TV/DAB Radio 174-230MHz	Specify 10% around centre frequency	4 x N-type female
PD-716N4-400	UHF 300-500MHz		
PD-716N4-500	UHF Digital TV 520-820MHz		

Two stage	Frequency range	Bandwidth	Output connectors
PD2-716N2-200	VHF TV/DAB Radio 174-230MHz	Specify 25% around centre frequency	2 x N-type female
PD2-716N2-400	UHF 400-520MHz		
PD2-716N3-200	VHF TV/DAB Radio 174-230MHz		3 x N-type female
PD2-716N4-200	VHF TV/DAB Radio 174-230MHz		4 x N-type female
PD2-716N4-500	UHF Digital TV 520-820MHz		