

N-type female power dividers

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 consult ZCG Scalar with your requirements.

ZCG also supply set frequency power dividers, please see following pages for more information.

Specifications	PD-NN2	PD-NN3	PD-NN4
Description	Single stage 2-way	Single stage 3-way	Single stage 4-way
Frequency range	Specify centre frequency when ordering		
Maximum bandwidth	Specify 10% around centre frequency		
Specifications	PD2-NN2	PD2-NN3	PD2-NN4
Description	Two stage 2-way	Two stage 3-way	Two stage 4-way
Frequency range	Specify centre frequency when ordering		
Maximum bandwidth	Specify 25% around centre frequency		
Specifications			
Construction	Painted brass and Low P.I.M. N-type female connectors		
Input connector	N-type female		
Output connector	2 x N-type female	3 x N-type female	4 x N-type female
Return loss	Better than -26dB across full bandwidth		
Maximum power	500 Watts		
Impedance	50 Ohms		
Dimensions	Length and weight will vary according to frequency		
Mounting hardware	2 x PDC-S - 30-50mm mast, supplied		
Branch feeders	Can be assembled upon request, consult ZCG		
Warranty	2 Years		



Product order codes are listed on the next page

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Single stage	Frequency range	Bandwidth	Output connectors
PD-NN2-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	2 x N-type female
PD-NN2-200	VHF TV/DAB Radio 174-230MHz		
PD-NN2-400	UHF 400-520MHz		
PD-NN2-500	UHF Digital TV 500-600MHz		
PD-NN2-600	UHF Digital TV 600-700MHz		
PD-NN2-700	4G LTE 700-800MHz		
PD-NN2-800	3G Mobile phone 800-960MHz		
PD-NN2-850	UHF STL 850MHz		
PD-NN3-200	VHF TV/DAB Radio 174-230MHz	Specify 10% around centre frequency	3 x N-type female
PD-NN3-400	UHF 400-520MHz		
PD-NN3-500	UHF Digital TV 500-600MHz		
PD-NN4-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	4 x N-type female
PD-NN4-200	VHF TV/DAB Radio 174-230MHz		
PD-NN4-400	UHF 400-520MHz		
PD-NN4-500	UHF Digital TV 500-600MHz		
PD-NN4-600	UHF Digital TV 600-700MHz		
PD-NN4-700	4G LTE 700-800MHz		

Two stage	Frequency range	Bandwidth	Output connectors
PD2-NN2-100	FM Radio 87.5-108MHz	Specify 25% around centre frequency	2 x N-type female
PD2-NN2-200	VHF TV/DAB Radio 174-230MHz		
PD2-NN2-400	UHF 400-520MHz		
PD2-NN2-500	UHF Digital TV 520-700MHz		
PD2-NN3-500	UHF Digital TV 520-820MHz	Specify 25% around centre frequency	3 x N-type female
PD2-NN4-100	FM Radio 87.5-108MHz		
PD2-NN4-200	VHF TV/DAB Radio 174-230MHz	Specify 25% around centre frequency	4 x N-type female
PD2-NN4-400	UHF 400-520MHz		
PD2-NN4-500	UHF Digital TV 520-820MHz		