



# 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	
Construction	Black powdercoated finish brass outer, solid brass inner line, PTFE insulator supports and external connectors - can be supplied in alternate colours on request
Input connector	N-type female
Output connector	2~6 N-type female - depending on model selected
VSWR	1.1:1
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

Specifications	PD-NN2	PD-NN3	PD-NN4	PD-NN6
Description	Single stage 2-way	Single stage 3-way	Single stage 4-way	Single stage 6-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		

Product SKU codes are listed on the next page



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

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