

N-female Power Dividers

Page 1 of 3

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 N-female connectors		
Input Connector	N-female	N-female	N-female
Output Connector	N-female x 2	N-female x 3	N-female x 4
Return Loss	Better than -26dB across full bandwidth		
Maximum Power	500 Watts	500 Watts	500 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms
Dimensions	Length and weight will vary according to frequency		
Mounting Accessories	2 x PDC-S (30-50mm mast) (supplied)		
Branch Feeders	Can be assembled upon request, consult ZCG Scalar		
Warranty	2 Years	2 Years	2 Years



N-female Power Dividers

Page 2 of 3

Single Stage	Frequency Range	Bandwidth	Output Connectors
PD-NN2-100	FM 87.5-108.5MHz	Specify 10% around centre frequency	2 x N-female
PD-NN2-200	DAB+ or VHF TV 174-230MHz		2 x N-female
PD-NN2-400	UHF 400-520MHz		2 x N-female
PD-NN2-500	UHF Digital TV 500-600MHz		2 x N-female
PD-NN2-600	UHF Digital TV 600-700MHz		2 x N-female
PD-NN2-700	Cellular 700-800MHz		2 x N-female
PD-NN2-800	Cellular 800-960MHz		2 x N-female
PD-NN2-850	STL 850MHz		2 x N-female
Separator			
PD-NN3-200	DAB+ or VHF TV 174-230MHz	Specify 10% around centre frequency	3 x N-female
PD-NN3-400	UHF 400-520MHz		3 x N-female
PD-NN3-500	UHF Digital TV 500-600MHz		3 x N-female
Separator			
PD-NN4-100	FM 87.5-108.5MHz	Specify 10% around centre frequency	4 x N-female
PD-NN4-200	DAB+ or VHF TV 174-230MHz		4 x N-female
PD-NN4-400	UHF 400-520MHz		4 x N-female
PD-NN4-500	UHF Digital TV 500-600MHz		4 x N-female
PD-NN4-600	UHF Digital TV 600-700MHz		4 x N-female
PD-NN4-700	Cellular 700-800MHz		4 x N-female

N-female Power Dividers

Page 3 of 3

Two Stage	Frequency Range	Bandwidth	Output Connectors
PD2-NN2-100	FM 87.5-108.5MHz	Specify 25% around centre frequency	2 x N-female
PD2-NN2-200	DAB+ or VHF TV 174-230MHz		2 x N-female
PD2-NN2-400	UHF 400-520MHz		2 x N-female
PD2-NN2-500	UHF Digital TV 520-820MHz		2 x N-female
PD2-NN3-500	UHF Digital TV 520-820MHz	Specify 25% around centre frequency	3 x N-female
PD2-NN4-100	FM 87.5-108.5MHz	Specify 25% around centre frequency	4 x N-female
PD2-NN4-200	DAB+ or VHF TV 174-230MHz		4 x N-female
PD2-NN4-400	UHF 400-520MHz		4 x N-female
PD2-NN4-500	UHF Digital TV 520-820MHz		4 x N-female