

PD-716N series power dividers

7/16" DIN input, N-type female output

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	Specify frequency		3 x N-type female
PD-716N4	Specify frequency		4 x N-type female
Two stage			
PD2-716N2	Specify frequency	Specify 25% around centre frequency	2 x N-type female
PD2-716N3	Specify frequency		3 x N-type female
PD2-716N4	Specify frequency		4 x N-type female
Specifications			
Construction	Painted brass and Tri-metal plated connectors		
Input connector	7/16" DIN female		
Output connector	N-type female		
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...

PD-716N series power dividers

7/16" DIN input, N-type female output

Single stage	Frequency range	Bandwidth	Output connectors
PD-716N2-100	FM Radio 87.5-108.5MHz	Specify 10% around centre frequency	2 x N-type female
PD-716N2-200	VHF TV/DAB Radio 174-230MHz		2 x N-type female
PD-716N2-400	UHF 300-500MHz		2 x N-type female
PD-716N2-500	UHF Digital TV 520-820MHz		2 x N-type female
PD-716N2-800	3G Mobile phone 800-900MHz		2 x N-type female
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		3 x N-type female
PD-716N3-500	UHF Digital TV 520-820MHz		3 x N-type female
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		4 x N-type female
PD-716N4-500	UHF Digital TV 520-820MHz		4 x N-type female

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		2 x N-type female
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		4 x N-type female