



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.



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	7/16" DIN female - at base, must face down when installed
Output connector	N-type females - at top
VSWR	1.1:1
Maximum input power	2 output connectors - 1 Kilowatt 3 output connectors - 1.5 Kilowatts 4 output connectors - 2 Kilowatts
Impedance	50 Ohms
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



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



7/16" DIN female input

Set frequency models SKU on following page...



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

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