

# PD-78716 series power dividers

7/8" EIA input, 7/16" 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 power dividers available, see following page.

Branch feeders, water-proofing, bird-proofing and other installation accessories are all available separately.



Single stage	Frequency range	Bandwidth	Output connectors
PD-787162	Specify frequency	Specify 10% around centre frequency	2 x 7/16" DIN female
PD-787163			3 x 7/16" DIN female
PD-787164			4 x 7/16" DIN female
PD-787166			6 x 7/16" DIN female

Two stage			
PD2-787162	Specify frequency	Specify 25% around centre frequency	2 x 7/16" DIN female
PD2-787163			3 x 7/16" DIN female
PD2-787164			4 x 7/16" DIN female
PD2-787168			8 x 7/16" DIN female

Specifications	
Construction	Painted brass and tri-metal plated connectors
Input connector	7/8" EIA - at base
Output connector	7/16" DIN female - at top
Return loss	Better than -26dB across full bandwidth
Maximum power	5kW with 2 to 4 output connectors
Impedance	50 Ohms
Dimensions	Length and weight will vary according to frequency
Mounting hardware	2 x PDC-L - 30-50mm mast, supplied
Branch feeders	Can be assembled upon request, consult ZCG
Warranty	2 Years

[Set frequency models on following page...](#)

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Single stage	Frequency range	Bandwidth	Output connectors
PD-787162-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	2 x 7/16" DIN female
PD-787162-200	VHF TV/DAB Radio 174-230MHz		
PD-787162-500	UHF Digital TV 520-820MHz		
PD-787163-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	3 x 7/16" DIN female
PD-787163-200	VHF TV/DAB Radio 174-230MHz		
PD-787163-500	UHF Digital TV 520-820MHz		
PD-787164-100	FM Radio 87.5-108MHz	Specify 10% around centre frequency	4 x 7/16" DIN female
PD-787164-200	VHF TV/DAB Radio 174-230MHz		
PD-787164-500	UHF Digital TV 520-820MHz		

Two stage	Frequency range	Bandwidth	Output connectors
PD2-787162-100	FM Radio 87.5-108MHz	Specify 25% around centre frequency	2 x 7/16" DIN female
PD2-787162-200	VHF TV/DAB Radio 174-230MHz		
PD2-787162-500	UHF Digital TV 520-820MHz		3 x 7/16" DIN female
PD2-787163-600	UHF Digital TV 600-700MHz		