



PD-78716 series power dividers

7/8" EIA input, 7/16" output, single or two-stage

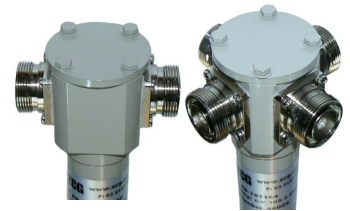


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Power dividers are designed to allow antennas to be mounted in a 2, 3 or 4 stack phased array formation, whilst maintaining optimum return loss, ideal for broadcasters.

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.



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	7/8" EIA flange - at base
Output connector	7/16" DIN female - at top
VSWR	1.1:1
Maximum power	4kW with 2 x 7/16" DIN outputs to 5kW with 4 x 7/16" DIN 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

SKU: 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
SKU: Two stage	Frequency range	Bandwidth	Output connectors
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

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



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

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