

PD-78716 series power dividers

7/8" EIA input, 7/16" 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 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	Specify frequency		3 x 7/16" DIN female
PD-787164	Specify frequency		4 x 7/16" DIN female
PD-787166	Specify frequency		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	Specify frequency		3 x 7/16" DIN female
PD2-787164	Specify frequency		4 x 7/16" DIN female
PD2-787168	Specify frequency		8 x 7/16" DIN female
Specifications			
Construction	Painted brass and tri-metal plated connectors		
Input connector	7/8" EIA		
Output connector	7/16" DIN female		
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...](#)

PD-78716 series power dividers

7/8" EIA input, 7/16" output

Single stage	Frequency range	Bandwidth	Output connectors
PD-787162-100	FM Radio 87.5-108.5MHz	Specify 10% around centre frequency	2 x 7/16" DIN female
PD-787162-200	VHF TV/DAB Radio 174-230MHz		2 x 7/16" DIN female
PD-787162-500	UHF Digital TV 520-820MHz		2 x 7/16" DIN female
PD-787163-100	FM Radio 87.5-108.5MHz	Specify 10% around centre frequency	3 x 7/16" DIN female
PD-787163-200	VHF TV/DAB Radio 174-230MHz		3 x 7/16" DIN female
PD-787163-500	UHF Digital TV 520-820MHz		3 x 7/16" DIN female
PD-787164-100	FM Radio 87.5-108.5MHz	Specify 10% around centre frequency	4 x 7/16" DIN female
PD-787164-200	VHF TV/DAB Radio 174-230MHz		4 x 7/16" DIN female
PD-787164-500	UHF Digital TV 520-820MHz		4 x 7/16" DIN female

Two stage	Frequency range	Bandwidth	Output connectors
PD2-787162-100	FM Radio 87.5-108.5MHz	Specify 25% around centre frequency	2 x 7/16" DIN female
PD2-787162-200	VHF TV/DAB Radio 174-230MHz		2 x 7/16" DIN female
PD2-787162-500	UHF Digital TV 520-820MHz		2 x 7/16" DIN female
PD2-787163-600	UHF Digital TV 600-700MHz		3 x 7/16" DIN female