

FM star combiners

Dual, Tri & Quad configurations

>2.5MHz channel spacing



The below models of combiners allow for multiple inputs from a transmitter to be combined into one antenna.

The below models of dual-combiners are:

- Suitable for low to medium power FM radio broadcasting
- Available in multiple configurations of input/output connectors
- High quality construction for a long, reliable service life
- Version with 1.5MHz channel spacing available



Specifications	FDB-201S*	FDB-402S*	FDB-2000S	FDB-2000S-H	FDB-4000S	FDB-6000S	FDB-10000S
Construction	Alodyne treated aluminium 120 finish, silver plated copper internals and PTFE						
Frequency range	FM band 87.5-108MHz						
Bandwidth - 3dB specify	200kHz	500kHz					300-600kHz
VSWR	<1.15:1						
Min. space between channels	>2.5MHz						
Impedance	50 Ohms						
Thru loss	<0.4dB	<0.5dB		<0.3dB		<0.2dB	
Isolation between channels	35dB typical						
Working temperature	+10° to +40°C						
Input connector	2 x N-type female		2 x N-type female		2 x 7/8" EIA		
Output connector	N-type female		7/16" DIN female	7/8" EIA		1-5/8" EIA	
Maximum power - input	2 x 100 Watts	2 x 200 Watts	2 x 500 Watts	2 x 1 Kilowatts	2 x 2 Kilowatts	2 x 3 Kilowatts	2 x 5 Kilowatts
Weight	10.6kg	20.7kg	22.5kg	24.0kg	37.0kg	40.5kg	53.0kg
Dimensions	H: 800mm W: 490mm D: 260mm	H: 800mm W: 490mm D: 260mm	H: 1150mm W: 420mm D: 270mm	H: 1150mm W: 420mm D: 300mm	H: 1300mm W: 410mm D: 400mm	H: 1300mm W: 410mm D: 400mm	H: 1300mm W: 620mm D: 500mm
Warranty	2 Year warranty on manufacturing defects, 1 Year warranty on termination/ connections from purchase date						

* The FDB-201S is suitable for a 19" (inch) 3U rack mounting

* The FDB-402S is suitable for a 19" (inch) 6U rack mounting



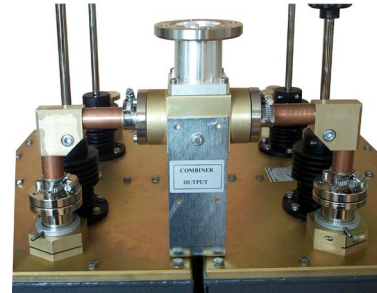
FM star combiners

Dual, Tri & Quad configurations
>2.5MHz channel spacing



The below models of tri-combiners are:

- Suitable for low to medium power FM radio broadcasting
- Available in multiple configurations of input/output connectors
- High quality construction for a long, reliable service life
- Version with 1.5MHz channel spacing available



Specifications	FTB-602S*	FTB-3000S	FTB-3000S-H	FTB-6000S	FTB-75000S	FTB-15000S
Construction	Alodine treated aluminium 120 finish, silver plated copper internals and PTFE					
Frequency range	FM band 87.5-108MHz					
Bandwidth - 3dB (specify)	500kHz					300-600kHz
VSWR	<1.15:1					
Min. space between channels	>2.5MHz					
Impedance	50 Ohms					
Thru loss	<0.5dB				<0.4dB	<0.3dB <0.2dB
Isolation between channels	35dB typical					
Working temperature	+10° to +40°C					
Input connector	3 x N-type female		3 x 7/16" DIN female		3 x 7/8" EIA	
Output connector	7/16" DIN female		7/8" EIA	1-5/8" EIA		3-1/8" EIA
Maximum power -input	3 x 200 Watts	3 x 500 Watts	3 x 800 Watts	3 x 2 Kilowatts	3 x 2.5 Kilowatts	3 x 5 Kilowatts
Weight	36.0kg	33.0kg	33.0kg	56.0kg	58.5kg	90.0kg
Dimensions	H: 800mm W: 490mm D: 390mm	H: 1150mm W: 620mm D: 270mm	H: 1150mm W: 620mm D: 270mm	H: 1300mm W: 620mm D: 410mm	H: 1300mm W: 620mm D: 410mm	H: 1300mm W: 1000mm D: 620mm
Warranty	2 Year warranty on manufacturing defects, 1 Year warranty on termination/ connections from purchase date					

* The FTB-602S is suitable for a 19" (inch) 9U rack mounting

FM star combiners

Dual, Tri or Quad configurations
>2.5MHz channel spacing

The below models of quad-combiners are:

- Suitable for low to medium power FM radio broadcasting
- Available in multiple configurations of input/output connectors
- High quality construction for a long, reliable service life
- Version with 1.5MHz channel spacing available



Specifications	FQB-2000S	FQB-2000S-H	FQB-8000S
Construction	Alodyne treated aluminium 120 finish, silver plated copper internals and PTFE		
Frequency range	FM band 87.5-108MHz		
Bandwidth - 3dB (specify)	500kHz	300-600kHz	
VSWR	<1.15:1		
Min. space between channels	>2.5MHz		
Impedance	50 Ohms		
Thru loss	<0.5dB	<0.6dB	<0.4dB
Isolation between channels	35dB typical		
Working temperature	+10° to +40°C		
Input connector	4 x N-type female	4 x 7/16" DIN female	4 x 7/8" EIA
Output connector	7/8" EIA		1-5/8" EIA
Maximum power - input	4 x 300 Watts	4 x 500 Watts	4 x 2 Kilowatts
Weight	48.0kg	46.0kg	90.0kg
Dimensions	H: 800mm W: 520mm D: 490mm	H: 1150mm W: 540mm D: 410mm	H: 1300mm W: 900mm D: 420mm
Warranty	2 Year warranty on manufacturing defects, 1 Year warranty on termination/connections from purchase date		

* The FQB-802S is suitable for a 19" (inch) 12U rack mounting