

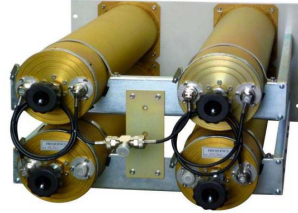
FM star combiners

Dual, Tri or Quad configurations
>2.5 MHz 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 1.5 MHz channel spacing available



FDB-402S



FDB-2000S

SKU	FDB-201S*	FDB-402S*	FDB-602S*	FDB-2000S	FDB-2000S-H	FDB-4000S	FDB-6000S	FDB-10000S
Construction	Surtec 650 passivated finish aluminium, silver plated copper internals and PTFE							
Frequency range	87.5-108 MHz - FM Radio							
Bandwidth - 3dB specify	200 kHz	500 kHz				300-600 kHz		
VSWR	<1.15:1							
Min. space between channels	>5 MHz				>2.5 MHz			
Impedance	50 Ohms							
Thru loss	<0.4 dB		<0.5 dB				<0.3 dB	<0.2 dB
Isolation between channels	35 dB typical							
Working temperature	+10° to +40°C							
Input connector	2 x N-type female				2 x 7/16" DIN 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	3 x 150 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	36.0kg	22.5kg	24.0kg	37.0kg	40.5kg	53.0kg
Dimensions	H: 800mm W: 490mm D: 260mm	H: 800mm W: 490mm D: 260mm	H: 800mm W: 490mm D: 390mm	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							

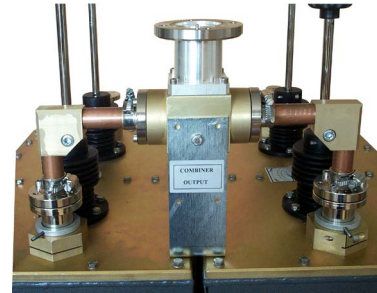
* The FDB-201S is suitable for a 19" (inch) 3U rack mounting
 * The FDB-402S is suitable for a 19" (inch) 6U rack mounting
 * The FDB-602S is suitable for a 19" (inch) 9U rack mounting

FM star combiners

Dual, Tri or Quad configurations
>2.5 MHz 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



SKU	FTB-602S*	FTB-3000S	FTB-3000S-H	FTB-6000S	FTB-7500S	FTB-15000S
Construction	Surtec 650 passivated finish aluminium, silver plated copper internals and PTFE					
Frequency range	87.5-108 MHz - FM Radio					
Bandwidth - 3dB specify	500 kHz	300-600 kHz				
VSWR	<1.15:1					
Min. space between channels	>2.5 MHz					
Impedance	50 Ohms					
Thru loss	<0.5 dB		<0.4 dB		<0.3 dB	<0.2 dB
Isolation between channels	35 dB 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					

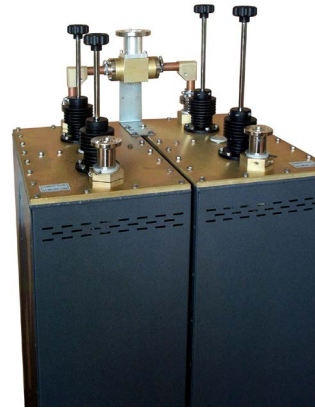
* The FTB-602S is suitable for a 19" (inch) 9U rack mounting

FM star combiners

Dual, Tri or Quad configurations
>2.5 MHz 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



SKU	FQB-2000S	FQB-2000S-H	FQB-8000S
Construction	Surtec 650 passivated finish aluminium, silver plated copper internals and PTFE		
Frequency range	87.5-108 MHz - FM Radio		
Bandwidth - 3dB specify	500 kHz	300-600 kHz	
VSWR	<1.15:1		
Min. space between channels	>2.5 MHz		
Impedance	50 Ohms		
Thru loss	<0.5 dB	<0.6 dB	<0.4 dB
Isolation between channels	35 dB 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		