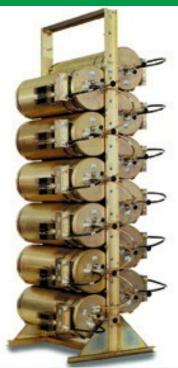
XPANDABLE TRANSMIT COMBINER

66-88 MHz

XTC-Xpandable Transmit Combiner Series-10" Cavity

Our eXpandable Transmit Combiners can combine from 1 to 21 channels. The XTC series of filters incorporates expandability, close frequency spacing and some of the lowest insertion losses in the industry. Using a 6.625'' cavity, the XTC can easily support 75 kHz Tx-Tx spacing or 50 kHz spacing when using 10" cavities. Each cavity is constructed using a gold alodine finish, silver plated loops, silver plated connectors and an internal tuning plunger. Additionally, cavities are temperature compensated for operation between -40°C to +60°C. Every cavity is equipped with both coarse and fine tuning rods for quick and easy field or lab re-tuning.

- Flexible and expandable design, From 1-21 channel capacity
- Expandable: 1 or more additional channels at a time, Re-configurable equipment
- 66-88 MHz, 22 MHz of operating bandwidth
- Temperature compensation, Ensures frequency stability
- High attenuation, Minimizes desense and interference
- Ultra-low insertion losses, Low coupling and bridging losses
- Continuous high-power handling capability, 150 watts 24/7



XTC-06-02	XTC-06-04	XTC-06-06	XTC-06-08	XTC-06-10
66-88	66-88	66-88	66-88	66-88
22	22	22	22	22
2	4	6	8	10
10	10	10	10	10
50	50	50	50	50
70	70	70	70	70
60	60	60	60	60
3.8	4.9	5.2	5.4	5.6
150	150	150	150	150
N Female	N Female	N Female	N Female	N Female
1.22:1	1.22:1	1.22:1	1.22:1	1.22:1
-40 to +60	-40 to +60	-40 to +60	-40 to +60	-40 to +60
XTC-06-02	XTC-06-04	XTC-06-06	XTC-06-08	XTC-06-10
86.5 x 24 x 40.25 (2197 x 610 x 1022)				
Yes	Yes	Yes	Yes	Yes
DEPENDS ON SET-UP AND RACK DESIGN				
Single Cavity	2 - Channel	3 - Channel	5 - Channel	8 - Channel
XTC-06-41	XTC-06-42	XTC-06-43	XTC-06-45	XTC-06-48
XTC-06-71	XTC-06-72	XTC-06-73	XTC-06-75	XTC-06-78
XTC-06-01	XTC-06-02	XTC-06-03	XTC-06-05	XTC-06-08
	66-88 22 2 10 50 70 60 3.8 150 N Female 1.22:1 -40 to +60 XTC-06-02 Yes Single Cavity XTC-06-41 XTC-06-71	66-88 22 22 2 4 10 10 10 50 50 70 70 60 60 60 3.8 4.9 150 N Female 1.22:1 -40 to +60 XTC-06-02 XTC-06-04 XTC-06-04 XTC-06-41 XTC-06-71 XTC-06-72 XTC-06-72	66-88 66-88 66-88 22 22 22 2 4 6 10 10 10 50 50 50 70 70 70 60 60 60 3.8 4.9 5.2 150 150 N Female N Female N Female N Female 1.22:1 1.22:1 1.22:1 -40 to +60 -40 to +60 -40 to +60 XTC-06-02 XTC-06-04 XTC-06-06 86.5 x 24 x 40.25 (2197 x 610 Yes Yes Yes Yes DEPENDS ON SET-UP AND RAGE DEPENDS ON SET-UP AND RAGE XTC-06-41 XTC-06-42 XTC-06-43 XTC-06-71 XTC-06-72 XTC-06-73	66-88 66-88 66-88 66-88 22 22 22 22 2 4 6 8 10 10 10 10 50 50 50 50 70 70 70 70 60 60 60 60 3.8 4.9 5.2 5.4 150 150 150 150 N Female N Female N Female N Female 1.22:1 1.22:1 1.22:1 1.22:1 -40 to +60 -40 to +60 -40 to +60 -40 to +60 XTC-06-02 XTC-06-04 XTC-06-06 XTC-06-08 XTC-06-05 XTC-06-08 Single Cavity 2 - Channel 3 - Channel 5 - Channel XTC-06-41 XTC-06-42 XTC-06-43 XTC-06-45 XTC-06-71 XTC-06-72 XTC-06-73 XTC-06-75



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