

Transmitter Hybrid Combiners

N-type terminated multi-port Transmitter Hybrid Combiner

VHF 136-174MHz or UHF 350-520MHz



A hybrid combiner, combines the output of multiple transmitters and combines them to be broadcasted through one external antenna.

The 'TX' ports on the rear connects to the transmitters and the 'ANT' port connectors to the duplexer high port or the transmit antenna

Consult ZCG on your specific requirements if you cannot see a solution below.



Specifications	2 Channel	3 Channel	4 Channel	6 Channel	8 Channel
Construction	Black outer shell and front mounting plate and chrome terminations				
Frequency range	VHF 136-174MHz or UHF 400-470MHz - Alternate frequencies available upon request				
Order code VHF	TXCOM-136-174-2	TXCOM-136-174-3	TXCOM-136-174-4	TXCOM-136-174-6	TXCOM-136-174-8
Order code UHF	TXCOM-350-520-2	TXCOM-350-520-3	TXCOM-350-520-4	TXCOM-350-520-6	TXCOM-350-520-8
Frequency spacing	No limitations, typical <5MHz				
Ports	2	3	4	6	8
Port Isolation	>50dB				
Reverse Isolation	>30dB				
VSWR	<1.3:1				
Impedance	50 Ohm - nominal				
Insertion loss	<3.5dB	<7.0dB		<10.5dB	
Maximum input power	Each channel/Port <50 Watts				
Input connector	N-type female				
Output connector	N-type female				
Weight	6.0kg				
Dimensions	Width: 482mm, Depth: 300mm, Height: 88mm (2RU)				
Operating Temperature	-20°C ~ +60°C				