

UHF Transmitter Hybrid Combiners

N-type terminated multi-port Transmitter Hybrid Combiner

UHF 330-520 MHz



Our TXCOM-350-520 series of 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 connects to the duplexer high port or the transmit antenna

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



	2 Channel	3 Channel	4 Channel	6 Channel	8 Channel
Construction	Black outer shell and front mounting plate and chrome terminations				
Frequency range	330-520 MHz - UHF/TETRA/LMR/GRN compatible				
Bandwidth	Typical <10 MHz				
Ports	2	3	4	6	8
Order code / SKU Single ferrite isolator	TXCOM-350-520-2-1	TXCOM-350-520-3-1	TXCOM-350-520-4-1	TXCOM-350-520-6-1	TXCOM-350-520-8-1
Order code / SKU Dual ferrite isolator	TXCOM-350-520-2-2	TXCOM-350-520-3-2	TXCOM-350-520-4-2	TXCOM-350-520-6-2	TXCOM-350-520-8-2
Tx-Tx isolation	Single Ferrite Isolator: >50dB Dual Ferrite Isolator: >75dB				
Tx-Ant isolation	Single Ferrite Isolator: >25dB Dual Ferrite Isolator: >50dB				
Input/Output VSWR	<1.3:1				
Impedance	50 Ohm - nominal				
Insertion loss	Single Isolator: <4dB Dual Isolator: <4.5dB	Single Isolator: <6dB Dual Isolator: <6.5dB	Single Isolator: <6.7dB Dual Isolator: <7dB	Single Isolator: <9.5dB Dual Isolator: <10dB	Single Isolator: <11dB Dual Isolator: <11.5dB
Maximum input power	Each channel/Port 100 Watts				
Input connector	N-type female				
Output connector	N-type female				
Weight	8.0kg - both models		Single Isolator: 8kg Dual Isolator: 9kg	Single Isolator: 8kg Dual Isolator: 9kg	Single Isolator: 9kg Dual Isolator: 12kg
Dimensions	Width: 482.6mm, Depth: 300mm, Height: 89mm (2RU)				Dual Iso only: 482.6mm x 350mm x 89mm (2RU)
Operating Temperature	-20°C ~ +60°C				

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SKU: TXCOM-350-520-2-1 - Single ferrite isolator model
or

SKU: TXCOM-350-520-2-2 - Dual ferrite isolator model



SKU: TXCOM-350-520-3-1 - Single ferrite isolator model
or

SKU: TXCOM-350-520-3-2 - Dual ferrite isolator model



SKU: TXCOM-350-520-4-1 - Single ferrite isolator model
or

SKU: TXCOM-350-520-4-2 - Dual ferrite isolator model



SKU: TXCOM-350-520-6-1 - Single ferrite isolator model
or

SKU: TXCOM-350-520-6-2 - Dual ferrite isolator model



SKU: TXCOM-350-520-8-1 - Single ferrite isolator model
or

SKU: TXCOM-350-520-8-2 - Dual ferrite isolator model