

Coaxial

# Power Splitters/Combiners

NEW!

ZX10-4-SERIES

4 Way-0° 50Ω 800 to 2700 MHz

## Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	2.5W max.
Power Input (as a combiner)	0.125W max.*

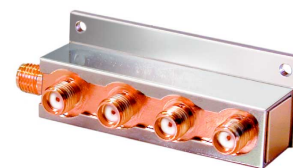
\*maximum VSWR at output 1.2:1

## Features

- low insertion loss, 0.6 dB typ.
- high isolation, 20 dB typ.
- rigid unibody construction
- gold plated connectors;
- nickel plated body
- low cost
- small size
- patent pending

## Applications

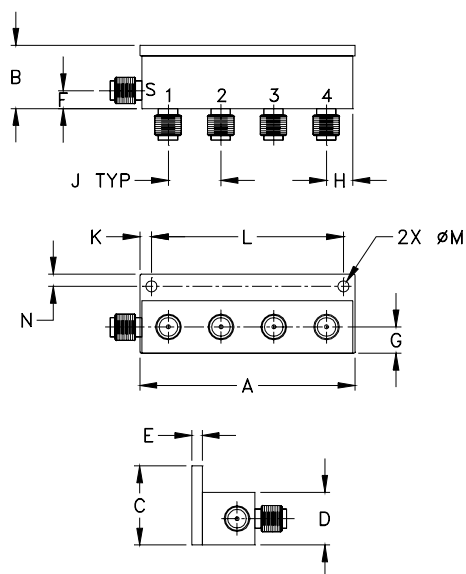
- antenna arrays
- signal distribution
- test bench



CASE STYLE: GR1026

PRICE: \$38.95 ea. QTY (1-24)

## Outline Drawing



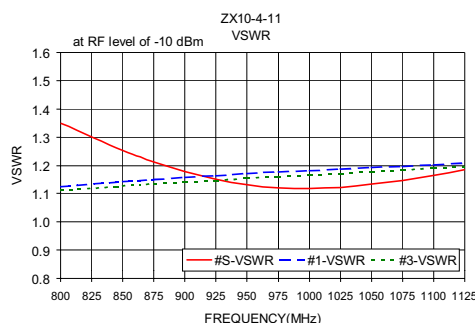
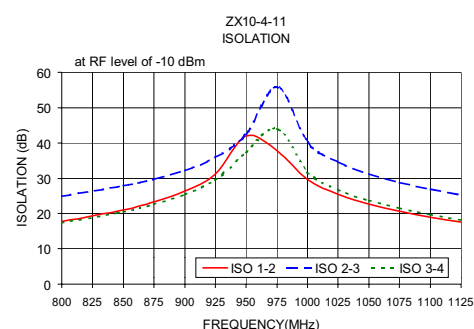
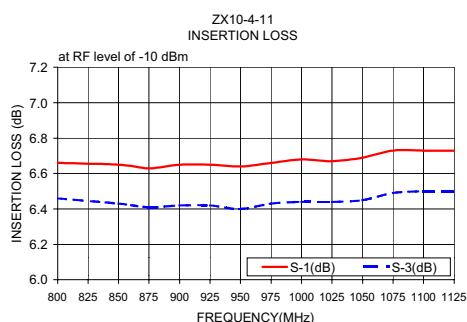
## Outline Dimensions (inch)

A	B	C	D	E	F	G	H
2.04	.60	.75	.50	.10	.17	.25	.25
51.82	15.24	19.05	12.70	2.54	4.32	6.35	6.35
J	K	L	M	N		wt.	
.50	.11	1.820	.106	.12		grams	
12.70	2.79	46.23	2.69	3.05		60.0	

## Splitter Electrical Specifications (T<sub>AMB</sub> = 25°C)

MODEL NO.	FREQ. RANGE (MHz) f <sub>L</sub> -f <sub>U</sub>	ISOLATION (dB)		INSERTION LOSS (dB) above 6.0 dB		PHASE UNBALANCE (Degrees) Max.	AMPLITUDE UNBALANCE (dB) Max.	INPUT VSWR (:1) Typ.	OUTPUT VSWR (:1) Typ.
		Typ.	Min.	Typ.	Max.				
ZX10-4-11	800-1125 875-1050	20 24	15 18	0.6 0.6	1.3 1.0	3 3	0.7 0.7	1.2 1.2	1.2 1.2
ZX10-4-14	1100-1450	20	15	0.8	1.3	7	0.8	1.3	1.3
ZX10-4-19	1425-1900 1450-1775	20 24	16 20	0.75 0.75	1.0 1.0	6 5	0.9 0.8	1.2 1.2	1.2 1.2
ZX10-4-24	1675-2350 1775-2200	20 25	17 20	0.9 0.9	1.1 1.1	5 5	0.7 0.7	1.18 1.18	1.3 1.3
ZX10-4-27	2225-2700 2400-2600	20 25	16 20	1.0 0.8	1.5 1.3	9 9	1.2 1.2	1.4 1.4	1.25 1.25

## Performance Charts



INTERNET <http://www.minicircuits.com>

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ISO 9001 CERTIFIED

REV. A  
M91558  
ZX10-4-11 ED10988/1  
ZX10-4-14 ED10988/4  
ZX10-4-19 ED10988/2  
ZX10-4-24 ED10988/5  
ZX10-4-27 ED10988/3  
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