



Rear Panel

# ZT-10HPS-272 700-2700 MHz

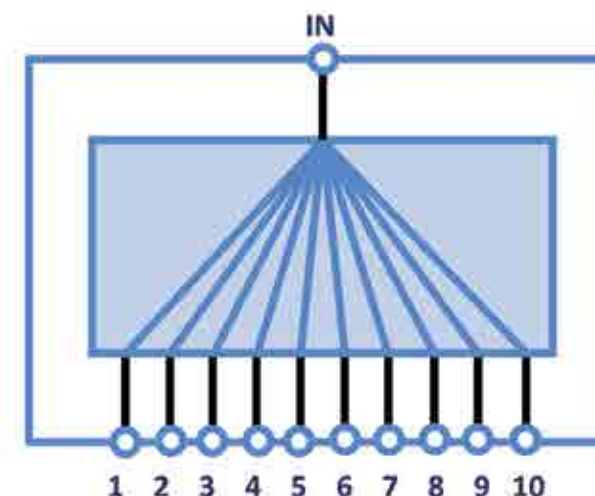
## High Power (100W)

## Rack Mountable 10-Way Splitter

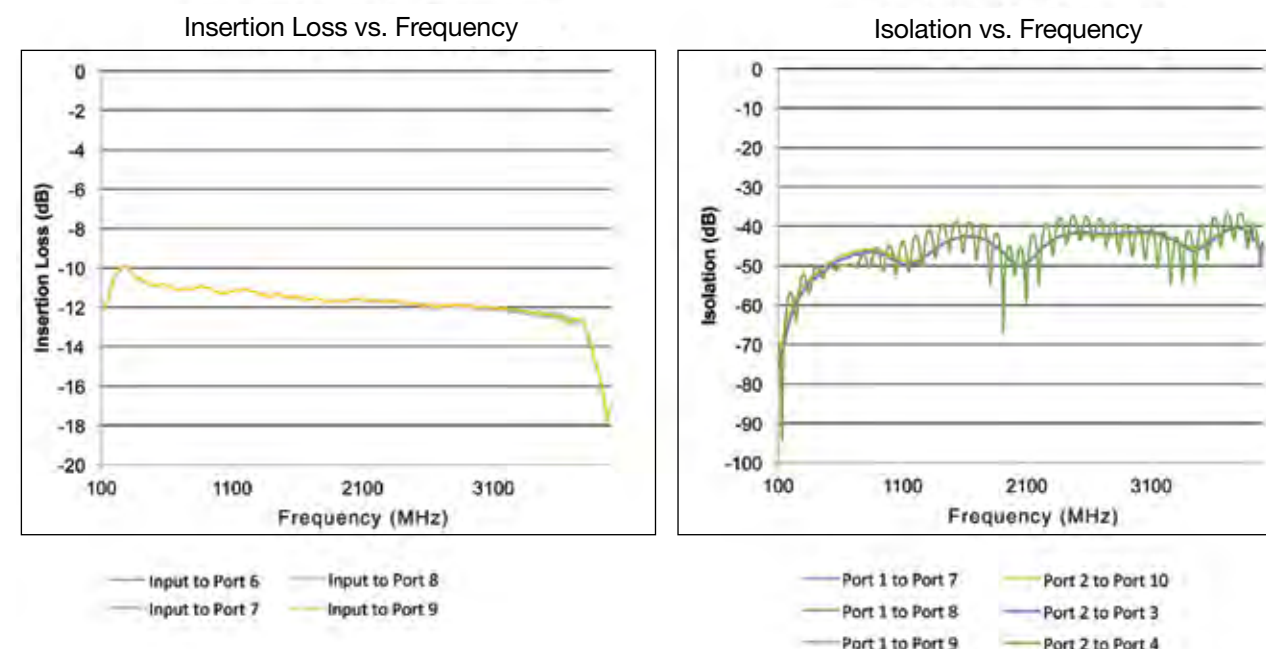
### Functional Description

ZT-10HPS-272 is a passive splitter design enabling high power signal distribution in an RF test environment. With 100W input, this splitter is capable of delivering about 6W each to all 10 output channels. The unit is specifically designed for applications requiring tight amplitude unbalance where phase unbalance is non-critical. The specified operating bandwidth covers all the key telecoms bands up to 2.7 GHz. This splitter is recommended to be used together with Mini-Circuits HPA-272+ 100W high power amplifier in HTOL tests. Mini-Circuits offers a range of power amplifiers capable of delivering up to 100W into this splitter.

Functional Schematic



ZT-10HPS-272 Curves



### Electrical Performance (Per Path)

PARAMETER	SPECIFICATIONS			
	Min.	Typ.	Max.	Units
Operating Frequency	700		2700	MHz
Input Power <sup>12</sup>			100	W
Insertion Loss		11.5	12.5	dB
Amplitude Unbalance		0.6	1.0	dB
Isolation		25	16	dB
VSWR (Input)		1.3:1		
VSWR (Output)		1.25:1		
AC Supply		90/260		V