

3-way splitter

WSP-123



Description

The WSP-123 is a passive wideband splitter. It combines 3 I/O to 1 common port.
The unit is supplied with F connectors for the RF ports.

Dimensions of the cassette is 3,5 TE so 24 units can be placed into a standard 19 inch rack. (84TE)

Specifications

V1 mrt 13, 2009

	Port	Range	Min	Typical	Max	Units	Remark
Frequency Range		I/O to Common	5		1000	MHz	
		862 MHz < F < 1000 MHz			+/-1.0	dB	4
Flatness Tap		5 MHz < F < 862 MHz			+/- 0,5	dB	
Connectors	I/O	Back Panel		F-female			2
	Common	Back Panel		F-female			2
Temperature Range		operational	10		+55	°C	
Humidity Range		Non condensing	5		95	%	
EMC		470 MHz < F < 1000 MHz	65	75		dB	3
		300 MHz < F < 470 MHz	75	80		dB	3
		5 MHz < F < 300 MHz	75	85		dB	3
Dimensions	Outline	3HE x 3,5TE x 70		H x W x D		mm	

Ordering Information

WSP-123	3-way splitter	Article number:	11203602
MRO-70	19" Mounting Panel	Article number:	11101070

	Port	Range	Min	Typical	Max	Units	Remark	
Return Loss		40 MHz < F < 1000 MHz	20			dB	1	
Insertion Loss	All ports	5 MHz < F < 40 MHz	20			dB		
	Common -> I/O	5 MHz < F < 600 MHz			6,0	dB		
		600 MHz < F < 862 MHz				6,5	dB	
		862 MHz < F < 1000 MHz				7,0	dB	
Isolation	Input to Input	5 MHz < F < 10 MHz	25			dB		
		10 MHz < F < 600 MHz	30			dB		
		601 MHz < F < 1000 MHz	25			dB		
Vibration test		EN 60068; 2-6 2008						
Marking		CE / RoHs compliant						

Remarks	
1	At F = 40 MHz F > 40 MHz - 1,5 dB/octave
2	F connectors according to IEC 60169-24, acceptable for diameters between 0,58mm through 1,0mm Spacing: F connectors 17 mm
3	According IEC 60728-2; 4.4 (30 - 1000 MHz) IEC 60728-5 (5 - 30 MHz)
4	Specs may improve after the first production run measurement