

## 6-way splitter WSP-126/TI

### Features:

- Test & Insertion point

### Description

The WSP-126/TI is a passive wideband splitter. It combines 6 I/O to 1 common port.  
There is a 20 dB test point and a 20 dB insertion point at the common port.

The unit is supplied with F connectors for the RF and BNC connectors for the test and insertions points.  
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	
	Flatness Tap	862 MHz < F < 1000 MHz			+/-1.0	dB	
		5 MHz < F < 862 MHz			+/- 0,5	dB	
Connectors	I/O	Back Panel		F-female			2
	Common	Back Panel		F-female			2
	Test point	Front Panel		BNC female			
	Insertion point	Front Panel		BNC female			
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-126/TI	6-way splitter	Article number:	11203806
MRO-70	19" Mounting Panel	Article number:	11101070

	Port	Range	Min	Typical	Max	Units	Remark
<b>Return Loss</b>	All ports	40 MHz < F < 1000 MHz	20			dB	1
<b>Insertion Loss</b>	Common -> I/O	5 MHz < F < 40 MHz	20			dB	
		5 MHz < F < 862 MHz			11,0	dB	
<b>Isolation</b>	Testpoint	862 MHz < F < 1000 MHz		20	12,0	dB	
	Insertion Point	5-862 MHz w.r.t. Common		20		dB	
	Input to Input	5 MHz < F < 600 MHz	30			dB	
<b>Vibration test</b>		601 MHz < F < 1000 MHz	25			dB	
		EN 60068; 2-6 2008					
<b>Marking</b>		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 BNC connectors 34 mm
3	According IEC 60728-2; 4.4 (30 - 1000 MHz) IEC 60728-5 (5 - 30 MHz)