

- 1.2 GHz push-on splitter
- High quality output connectors made of brass
- Low insertion loss and high isolation performance
- Exceeds class A screening effectiveness
- Kabel keur approved



## Overview

The PTSX-02 is a high quality push-on splitter which can be easily mounted on the existing wall outlet. The PTSX-02 offers a great RF performance giving a low insertion loss and good isolation performance in the whole frequency range up to 1.2 GHz.

## Specifications

Characteristic	Port	MHz	Min	Typ	Max	Units	Notes
Impedence		5 - 1250		75		$\Omega$	
Insertion loss	In to out	5 - 10			3.8	dB	
		10 - 40			3.7	dB	
		40 - 470			3.8	dB	
		470 - 1006			4.3	dB	
		1006 - 1250			5.0	dB	
Return loss		5- 10	18			dB	
		15 - 1250	22			dB	1
Isolation	Out to out	5 - 15	22			dB	
		15 - 1250	26			dB	2
Intermodulation			-105			dBc	3
Screening effectiveness		5 - 30	95			dB	
		30 - 300	90			dB	
		300 - 470	90			dB	
		470 - 950	85			dB	
		950 - 1218	80			dB	

### Notes

1	-1.5 dB/octave
2	-1.5 dB/octave
3	A minimum IMD of -105 dBc shall be measured at the output(s) while applying two carriers (60 & 65 MHz), out to out, @ 120 dB $\mu$ V/60 dBmV, after 1kV combination wave (1,2 $\mu$ S rise time/50 $\mu$ S duration) has been applied at each port. Test setup according to IEC 60728-4 §4.8

## Order information

Item number	Item code	Description
19010700	PTSX-02	PUSH ON 2 WAY SPLITTER IP=IEC-F OP=2XIEC-M 1218MHZ

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