

- › 1.2GHz 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 whole frequency range up to 1.2GHz.

Specification

	Port	Range	Min	Typ	Max	Units	Note
Impedance		5-1250 MHz		75Ω			
Insertion loss	In - Out	5-10 MHz			3.8	dB	
		10-40 MHz			3.7	dB	
		40-470 MHz			3.8	dB	
		470-1006 MHz			4.3	dB	
		1006-1218 MHz			5.0	dB	
Return loss		5-10 MHz	18			dB	
		10-1250 MHz	22			dB	1
Isolation	Out to Out	5-15 MHz	22			dB	
		15-1218 MHz	26			dB	2
Intermodulation			-105			dBc	3
Screening Effectiveness		5-30	95			dB	
		30-300	90			dB	
		300-470	90			dB	4
		470-950	85			dB	
		950-1218	80			dB	

Remarks

1	-1.5dB/Octave
2	-1.5dB/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 dBμV/60 dBmV, after 1kV Combination Wave (1,2μs rise time/50μs duration) has been applied at each port. Test setup according to IEC 60728-4 §4.8
4	EN 50083-2: 2012

Ordering Information

Product	Article number
PTSX-02	19010700