

Push-on modem splitter 1 GHz

- Easy mount push-on modem splitter
- High quality brass output connectors
- Low insertion loss and high isolation performance
- Class A screening effectiveness



Overview

The PMS-02/F is a high quality push-on modem splitter which can be easily mounted on an existing wall outlet. The high quality IEC-male and F-female output connectors are made of brass and can be connected to a modem and/or TV. The PMS-02/F offers great RF performance with low insertion loss and good isolation performance.

Wall outlets

Push-on modem splitter 1 GHz



Electrical specifications

Parameter		Frequency	Min	Typ	Max	Units	Notes
Frequency			5		1000	MHz	
Impedance				75	0	Ohm	
Insertion loss		5 - 10	3.1	3.4	3.7	dB	
		10 - 470	3	3.3	3.6	dB	
		470 - 862	3.4	3.8	4.2	dB	
		862 - 1000	3.5	4	4.5	dB	
Return loss	All ports	5 - 10	18			dB	
		10 - 470	20			dB	1
		470 - 862	20			dB	1
		862 - 1000	14			dB	
Isolation	Out / Out	5 - 10	18			dB	
		10 - 40	24			dB	
		40 - 862	26			dB	1
		862 - 1000	16			dB	
Screening effectiveness		5 - 300	75	85		dB	2
		300 - 740	75	85		dB	2
		470 - 1000	65	75		dB	2

Mechanical specifications

Parameter		Frequency
Connectors	Input	IEC-Female
	Output 1	IEC-Male
	Output 2	F-Female
Material	Plating	Nickel

Notes

- 1 F > 40 MHz -1.5 dB/oct
- 2 Transfer impedance method according IEC 60728-2 (5-30 MHz)
Absorption clamp method according IEC-60728-2 § 4.4 (30-1000 MHz)

Ordering information

Item name	Article number
PMS-02/F	10300113