

- 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.

PMS-02/F device and performance specifications

Electrical

Parameter		Frequency	PMS-02/F			Units	Notes
			Min.	Typ.	Max.		
Frequency			5		1000	MHz	
Impedance				75	0	Ω	
Insertion loss		5-10 MHz	3.1	3.4	3.7	dB	
		10-470 MHz	3	3.3	3.6	dB	
		470-862 MHz	3.4	3.8	4.2	dB	
		862-1000 MHz	3.5	4	4.5	dB	
Return loss	All ports	5-10 MHz	18			dB	
		10-470 MHz	20			dB	1
		470-862 MHz	20			dB	1
		862-1000 MHz	14			dB	
Isolation	Out/Out	5-10 MHz	18			dB	
		10-40 MHz	24			dB	
		40-862 MHz	26			dB	1
		862-1000 MHz	16			dB	
Screening effectiveness		5-300 MHz	75	85		dB	2
		300-740 MHz	75	85		dB	2
		470-1000 MHz	65	75		dB	2

Mechanical specifications

Parameter		PMS-02/F
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 to IEC 60728-2 (5-30 MHz). Absorption clamp method according to IEC-60728-2 § 4.4 (30-1000 MHz).

Order information

Item code	Model code	Description
10300113	PMS-02/F	PUSH-ON MODEM SPLITTER

Optional accessories

Item code	Model code	Description
19015871	PMS-02-COVER	PUSH-ON MODEM SPLITTER COVER ONLY
19015869	PMS-02/F-COVER	PUSH-ON MODEM SPLITTER INCL COVER