Wide Band Splitter / Line Amplifier

SATELLITE SOLUTION

Features

Wide Band Splitter

- *All ports power pass*
- *Nickel plated zinc alloy die-cast*
- *Suitable for RF (5-1000MHz) , IF (900-2150MHz) distribution*
- *Suitable for analog and digital signals*

IN-Line Amplifier

- *Nickel plated zinc alloy die-cast*
- *Designed for in line boosting satellite IF signal*
- *Power supply from the receiver via coaxial cable*

Specifications

Model		PAS 1X2 WBM	PAS 1X3 WBM	PAS 1X4 WBM	PAS 1X6 WBM	PAS 1X8 WBM
Splitters Way		2 Ways	3 Ways	4 Ways	6 Ways	8 Ways
Insertion Loss	*5 - 1250 MHz*	≤4.2 dB (Max)	≤7.8 dB (Max)	≤10.5 dB (Max)	≤12 dB (Max)	≤13 dB (Max)
	1250 - 1650MHz	≤5.2 dB (Max)	≤9.2 dB (Max)	≤11.2 dB (Max)	≤13.5 dB (Max)	≤14.5 dB (Max)
	1650 - 2150 MHz	≤6.0 dB (Max)	≤10.0 dB (Max)	≤11.8 dB (Max)	≤14.5 dB (Max)	≤15.5 dB (Max)
	2150 - 2400 MHz	≤6.5 dB (Max)	≤10.5 dB (Max)	≤12.5 dB (Max)	≤16.5 dB (Max)	≤17.5 dB (Max)
Isolation Loss	*5 - 1250 MHz*	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)	≥18 dB (Min)	≥18 dB (Min)
	1250 - 1650MHz	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)
	1650 - 2150 MHz	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)	≥20 dB (Min)
	2150 - 2400 MHz	≥18 dB (Min)	≥18 dB (Min)	≥18 dB (Min)	≥18 dB (Min)	≥18 dB (Min)
Return Loss (IN/OUT)	*5 - 1250 MHz*	≥10 dB (Min)	≥8 dB (Min)	≥10 dB (Min)	≥8 dB (Min)	≥8 dB (Min)
	1250 - 1650MHz	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)
	1650 - 2150 MHz	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)	≥10 dB (Min)
	2150 - 2400 MHz	≥8 dB (Min)	≥8 dB (Min)	≥8 dB (Min)	≥10 dB (Min)	≥10 dB (Min)
Impedance		75 Ω	75 Ω	75 Ω	75 Ω	75 Ω
RFI Shielding		-100 dB	-100 dB	-100 dB	-100 dB	-100 dB
An Electric Current Passes Through		500mA (dBmV)	500mA (dBmV)	500mA (dBmV)	500mA (dBmV)	500mA (dBmV)

Model	LA
Frequency Range	950 ~ 2400 MHz
Gain	20 dB
Noise Figure	≥ 6 dB
Return Loss	≥ 5 dB
Output Level (dBμV)	SAT: 110@35dB IMA3 ; Terr.: 105@60dB IMA5
Power Requirement	11 ~ 20 VDC, 40mA
DC Pass	Both direction

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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