



Wide Band Splitter / Line Amplifier

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
- All Port F-(f) connector, 75Ω
- Power pass max 1A, 30V
- Low insertion loss, high return loss and isolation for CATV, Satellite TV & MMDS
- Screening factor 55dB@2000MHz

Line Amplifier

- Nickel plated zinc alloy die-cast
- Designed for in line boosting satellite IF signal
- Power supply from the receiver via coaxial cable
- Power 15V 40mA
- 100mA power passing to LNB end
- All ports F-Connector, 75Ω

Specifications

Wide Band Splitters		PAS 1 x 2 WBM	PAS 1 x 4 WBM	PAS 1 x 6 WBM	PAS 1 x 8 WBM
Splitters Way		2 Ways	4 Ways	6 Ways	8 Ways
VSWR In	5 - 40 MHz	1.6	1.7	1.5	1.6
	40 - 1000 MHz	1.5	1.8	1.6	1.9
	1000 - 2050 MHz	1.5	2.0	1.6	2.1
	2050 - 2400 MHz	1.5	1.2	1.8	2.1
VSWR Out	5 - 40 MHz	2.0	1.8	1.5	2.5
	40 - 1000 MHz	1.3	1.4	1.6	1.4
	1000 - 2050 MHz	1.2	3.0	1.6	3.5
	2050 - 2400 MHz	1.4	3.5	1.8	3.9
Insertion Loss	5 - 40 MHz	4.7 dB	10.5 dB	13 dB	15 dB
	40 - 1000 MHz	5.2 dB	9.5 dB	12 dB	14 dB
	1000 - 2050 MHz	6.5 dB	12.5 dB	15.5 dB	16.5 dB
	2050 - 2400 MHz	7.0 dB	12.5 dB	18.5 dB	21 dB
Mutual Isolation	5 - 40 MHz	12 dB	16 dB	20 dB	19 dB
	40 - 1000 MHz	20 dB	20 dB	20 dB	20 dB
	1000 - 2050 MHz	20 dB	16 dB	20 dB	16 dB
	2050 - 2400 MHz	16 dB	16 dB	16 dB	16 dB

Line Amplifier	
Frequency Range	950 ~ 2400 MHz
Gain	20 dB
Noise Figure	≥ 6 dB
Return Loss	≥ 5 dB
Output Level (dBμV)	SAT: 110@35dB IMA ₃ ; Terr.: 105@60dB IMA ₅
Power Requirement	11 ~ 20 VDC, 40mA
DC Pass	Both direction

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.