

PL7622: L-Band RF Splitter/Combiner

Features & Benefits:

- Reduces cable connector failures
- Both ports DC passing
- High performances
- Greatly improves cable management



Product Description

The **PL-7622** is a high performances, passive, 2way L-Band RF splitter/combiner.

The **PL-7622** supports dual port DC passing capabilities, needed for a redundant LNB powering configuration.

Specifications

L-band RF Splitter/Combiner: PL7622

RF Specifications	Units	Typical	Minimum	Maximum
Frequency Range	MHz		950	2400
Insertion Loss (Above 3dB)	dB			1.5 [0.7 on 75Ohm]
Isolation	dB	25	20	
Ripple [in band]	dB			±0.4
Input/Output Return Loss	dB			-11
RF Connector Input / Output	Type	F, SMA, BNC 50-Ohm, BNC 75-Ohm, N		
DC Passing		Both ports		
Power Passing	mA			800mA [18VDC]
Physical Specifications				
Operating Temperature Range	°C		-10	+55
Storage Temperature Range	°C		-45	+85
Relative Humidity		95% non-condensing		
Altitude	ft / Km	10,000 [3.08] operating 14,000 [12.2] non-operating		
Dimensions [DxWxH]	ins/cm	12x0.8x4 / 30.5x2x10.2		
Weight	lbs./Kg	0.5 / 0.23		
Physical / Environmental Specifications				
Shock & Vibration		Designed for normal transportation environment per section 514.4 MIL-STD-810E. Designed to withstand 20G at 11 ms [½ sine pulse] in non-operating configuration.		

1. With standard adiabatic derating of 2°C/1000 ft. [0.3 Km]

All specifications are subject to change without notice.

Ordering Information

Model	RF Connector Type	Description
PL7622	-75F	75-Ohm F
	-75BNC	75-Ohm BNC
	-50BNC	50-Ohm BNC
	-50SMA	50-Ohm SMA
	-50N	50-Ohm N

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