



Sat-Light Platinum Series

PL7622 L-Band RF Splitter/Combiner



Features & Benefits

- Reduces cable connector failures
- Greatly improves cable management
- DC bi-directional support from both ports
- High performance

Product Description

Global Foxcom's Sat-Light/Platinum's **PL7622 L-Band RF Splitter / Combiner** is a high performance, passive, 2way unit that combines or splits optical signals. The **PL7622** supports dual port DC passing capabilities needed for a redundant LNB powering configuration.

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Specifications

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	FC/APC, SC/APC [E2000 option]		
DC Passing		Both ports		
Power Passing				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 ¹ 14,000 [12.2] non-operating		
Dimensions [D×W×H]	ins/cm	12×0.8×4 / 30.5×2×10.2		
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