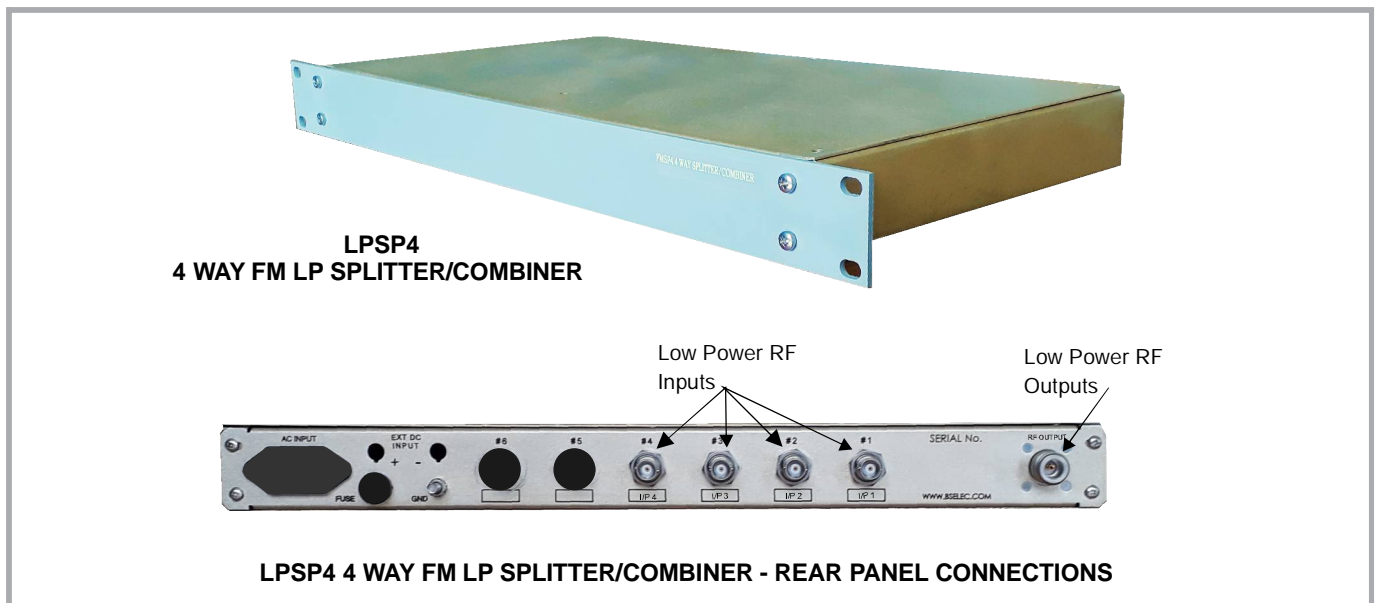


LPSP4

4 WAY FM LP SPLITTER/COMBINER

The LPSP4 is a low power RF Splitter and combiner in the FM Band, used for combing low power multiple channel carriers in the FM band into a linear amplifier for use in a tunnel FM Radio re-broadcast system. The unit is configured into a 1U Rack mount unit and configured for use with the TL1-6T channel translators. The LPSP4 can also be used as a low power splitter to feed the multi-channel signals into multiple linear amplifiers.



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Output connector:	N Type (Female) 50 Ohm .
Input connectors:	4 x BNC (Female) 50 Ohm.
Frequency Band:	87.5 to 108 MHz.
Bandwidth:	>40Mhz
Input Return Loss	≥26dB
Isolation between ports	≥25dB
Combiner loss	4 - 6dB.
Maximum Input Power per port	1W
ENVIRONMENTAL	
Storage temperature	-40 to +60 °C
Operating temperature	-10 to +45 °C
Operating altitude	<2500 metres
Humidity	20 to 90% (non condensing)
PHYSICAL	
Dimensions (mm)	455W x 250D x 44.45H (1U)
Weight	2kg

