



Model Number: **D0104Q1ULA-xxxx-XPSU**

# 4-way Quad L-band Active Splitter

Powered by an external Power Supply



This shelf contains 4 of ETL's 4-way L-band active equalised splitter modules housed in a 1U shelf. It is powered by an external DC supply.

Front view of Model D0104Q1ULA-xxxx-XPSU

This external power supply system makes economic sense if 3 or more splitter shelves are in use (compared to an integral PSU system).



Rear view of Model D0104Q1ULA-xxxx-XPSU

A range of connectors and impedances is available (model numbers will vary).





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## Technical specifications and operating parameters

RF Parameters						
Capacity	Quad 4 way splitter					
Frequency Range	850 to 2150MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-type	
Gain (dB)	0±1.5	0±1.5	0±1.5	0±2	0±2	
Flatness	850-2150MHz	±1.5dB	±1.5dB	±1.5dB	±1.75dB	±1.75dB
	Any 36MHz	±0.5dB	±0.5dB	±0.5dB	±0.75dB	±0.75dB
Input return loss (dB)	Typ.	18	18	18	12	12
	Min	10	10	10	8	8
Output return loss (dB)	Typ.	18	18	18	14	14
	Min	15	15	15	10	10
1dB Gain Compression	0 dBm	1dB Gain compression point, output power				
Noise Figure	8 dB					
Isolation	25 dB	Max. Between any two output ports				

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing

Power		
DC Power	8-18Vdc	400mA maximum consumption DC power LED on front panel
LNB Power	None	
PSU	N/A	
Hot-swap PSU	N/A	

Physical	
Dimensions	1U high x 350mm deep x 19" wide
Weight	7 kg
Colour	White 00-E-55 semi-gloss

System Control	
Display	Front panel LED Display for Power status.

Key Features	
Quad 4-way splitter in a compact 1U shelf	
External power supply	

