



# ASC Series L band Active Splitter

16-Way L Band Active Splitter

The Agilis ASC series Splitter is an indoor unit that provides the capability to split an incoming L-band input signal from an antenna feed (via LNB) into sixteen (16) streams. To amplify the signal received from the antenna feed, the In-line Amplifier (ALA1010100) is provided for the system.

## Features

- IRU Indoor Rack Mount
- 16 - way active split
- Output DC On/Off Selection Switch

## Quality Assurance

Our ASC series L band active splitter goes through stringent quality checks in addition to well defined Electrical Stress Screening to ensure operations in harsh outdoor environments. It is also subjected to seal test for water ingress verification.

## Reliability

Field - proven under harsh environment conditions, ASC series L band active splitter can withstand temperature ranging from 0°C to +60°C with up to 100% humidity.

# ASC Series

## L-Band 16 Way Splitter



## Technical Specifications

### Input Characteristics

Frequency	950 to 2150MHz
Interface	N-type Female (1 input) / (F-Type optional)
Impedance	50 Ohms (75 ohms Optional)
Return loss	15dB minimum
Non damage level	+ 15dBm maximum
DC Out through- -Input connector	15 + / - 1V (800mA Max)

### Output Characteristics

Frequency	950 to 2150MHz
Interface	N-type Female (16 outputs)/ (F-Type optional)
Impedance	50 Ohms (75 Ohm optional)
Return loss	15dB minimum
Insertion loss	0 +/- 2dB
P1dB	+5dBm minimum
Full band flatness	3dB maximum
40MHz flatness	0.5dB maximum
Noise figure	8dB maximum
Input/Output isolation	20dB minimum

### Interface

Front panel	LED for "Power" ; Switch for "Output DC" On/Off
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### Power

Power supply	90 to 240 VAC ( Dual redundant power supply)
Power consumption	20W (typ)

### Environmental

Operation temp	0 to 50°C
Storage temp	-10 to 70°C

### Mechanical

Dimensions	1U rack-mounted, 330mm in depth
Weight	3.5kg

Note: All specifications are subject to changes without notice.  
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