

AL351 Series Return Path Receiver

Features & Benefits:

- Modularity: future expansion capability & satellites
- Flexibility: protocols, global regions, platform providers
- Dedicated fibers/ multiplex options
- Lowest cost per door



Product Description

The AverLux™ AL351 Return Path Receiver complements the AL400 Series MicroNode to complete the Return Path Fiber Link back to the headend. Subscriber DOCSIS return path signals are converted back to RF where they can be combined with multiple AL351 outputs for processing by the operators cable modem termination system.

A typical application calls for one AL351 for each AL400. The AverLux™ AL900 series chassis can accommodate up to eight AL351 modules.

Specifications

AL351-01-SC-01-SS-02

Optical Input Specifications	
Optical input connector type	SC/APC
Min. optical input return loss	50dBm
Optical wavelength range	1290nm to 1610nm
Max. Optical input power	+1 dBm
Min. optical input power	-4 dBm
Optical indicator	
RF Output Specifications	
RF output connector	f type female
RF output impedance	75 Ω
RF output return loss [min.]	13 dB
Operating frequency range	5 – 200 MHz
RF output power	+20 dBmV to +30 dBm [nominal]
Flatness	±1.0 dB [across passband]
General Specifications	
Power connector	DB-9 male
Supply voltage	15 ±0.5 VDC

AL351-01-SC-01-SS-02

Operating temperature [°C]	0 to 50 [50% R.H. non-condensing]
Storage temperature [°C]	-40 to 80 [95% R.H. non-condensing]
Form factor / approx. dimensions	3 RU, 8 HP / 129 x 40 x 145 mm

Ordering Information

Part Number

Description

AL351-01-SC-01-SS-02

Return Path Receiver single SC/APC Input, Single RF Output

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Corporate Office Israel

16 Hataasia St.
Har Tuv A,
Beit Shemesh, Israel 99052,
Tel: +(972) 2 5899888
Fax: +(972) 2 5899898

US Office

222 Prince George Street,
Suite 110,
Annapolis, Md 21401
Tel: +(1) 609 514 1800
Fax: +(1) 609 514 1881

