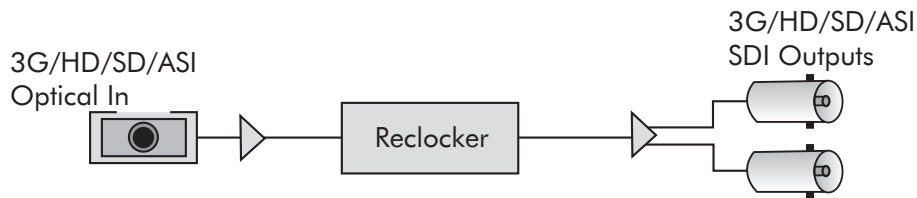
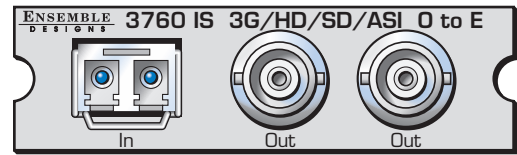


3G/HD/SD/ASI Optical to Electrical Converter

The Avenue 3760 IS module is an optical to electrical converter that supports 3 Gb/s HD, 1.5 HD, SD, and ASI data rates. The optical input is converted to electrical form and the resulting serial digital signal is reclocked and delivered to two BNC outputs. The 3760 IS passes embedded audio.



Optical Input

Number	One
Signal Type	3G/HD/SD/ASI SMPTE 297M, optical equivalent of 259M DVB-ASI at 270 Mb/s SMPTE 274M, 292M, 296M SMPTE 424M, 425M
Wavelength	830 to 1610 nm
Receiver Sensitivity	SD and ASI: -18 dBm HD: -18 dBm
Max Cable Length	20 km
Fiber Type	Single Mode Multi-mode compatible with attenuation at transmit end
Connector	SC/UPC

Serial Digital Output

Number	Two
Signal Type	270 Mb/s SD Serial Digital SMPTE 259M or DVB-ASI at 270 Mb/s 1.485 Gb/s HD Serial Digital SMPTE 274M, 292M or 296M 2.97 Gb/s HD Serial Digital SMPTE 424M, 425M Follows input
Impedance	75 Ω
Return Loss	>15 dB to 1.485 GHz >10 dB to 2.97 GHz
Max Cable Length	300 meters for 270 Mb/s Belden 1694A 100 meters for 1.485 Gb/s Belden 1694A 70 meters for 2.97 Gb/s Belden 1694A

General Specifications

Power Consumption	<5.0 watts
Temperature Range	0 to 40°C ambient (all specs met)
Relative Humidity	0 to 95%, noncondensing
Altitude	0 to 10,000 ft