SM-GE-1310/1550nm-SC

Gigabit single-mode single-fiber SFP transceiver
English · Revision EN-20261104-V186

Connector configuration	AC coupling
TX center wavelength 1310 λ	1260~1360nm
RX center wavelength 1550 λ	1520~1570nm
Alarm signal	TTL
Differential input amplitude VinPP	200~1200mV
Transmitter disable input, high level	2~3.3V
Transmitter disable input, low level	0.8V
Transmitter disable time	0.14ms (maximum 5ms)
Extinction ratio Ext	8.2dB
Spectral width (-20dB) △λ	4nm (FP-LD,RMS) 1nm (DFB-LD,-20dB)
Single-ended output amplitude VoutPP	200~800mV
Loss-of-signal output (TTL, active high)	2V
Receiver sensitivity Sen	-25dBm (BER<1E-10)
Receiver overload PinMAX	-3dBm
Average optical output power Po	-6dBm
Supply voltage Vcc	3~3.6V
Operating temperature	0~ 70 °C
Storage temperature Ts	-40~ 85 °C
Operating relative humidity	5% ~ 95% (non-condensing)
Differential input impedance (Rin)	100 Ω

Product information: https://www.aeo-cctv.com/en/products_e_144/SM_GE_1310_1550nm_SC