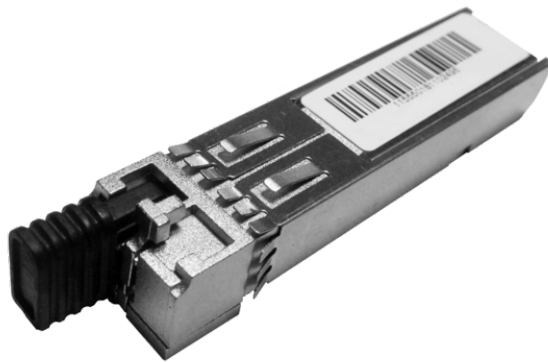


# SINGLE SDI FIBER OPTIC TRANSMITTER - SFP MODULE

- Dual channel transmitter
- Supports SMPTE-424M, 292M, 259M and DVB-ASI
- For use with SFP-FIB-SDI-CONV-Tx
- LC Simplex connectors - single mode
- Pluggable and hot swappable
- Supports 3G up to 10 km over a single fiber
- Single +3.3 power supply
- Low power consumption - 120 mA typical
- Complies with FCC, TUV and UL standards
- Lead free and RoHS compliant

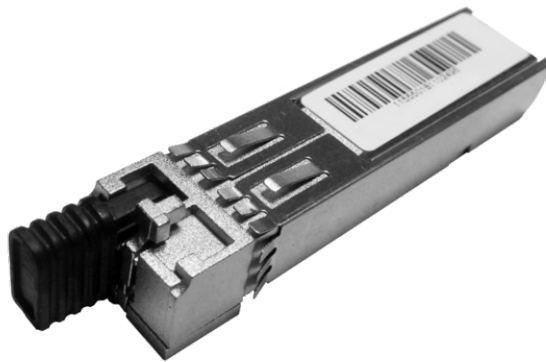


OPTICAL PERFORMANCE SPECIFICATION				
Parameter		Min	Typ	Max
Optical Power (dBm)		-8	-5	-3
Wavelength (nm)		1290	1310	1330
Linear Extinction Ratio		5.0	9	-
Intrinsic Jitter (ps)	2.97 Gb/s	-	45	80
	1.485 Gb/s	-	45	80
	270 Mb/s	-	45	80
Optical Signal Rise Time (Ps)	2.97 Gb/s	-	-	135
	1.485 Gb/s	-	-	270
	270 Mb/s	-	-	400
Optical Signal Fall Time (ps)	2.97 Gb/s	-	-	135
	1.485 Gb/s	-	-	270
	270 Mb/s	-	-	400

ELECTRICAL SPECIFICATION				
Parameter		Min	Typ	Max
Operating case temperature range (degree C)		0	-	70
Storage temperature range (degree C)		-40	-	85
Power supply voltage (V)		3.1	3.3	3.5
Power consumption (mA)		-	120	200

# SINGLE SDI FIBER OPTIC RECEIVER - SFP MODULE

- Dual channel transmitter
- Supports SMPTE-424M, 292M, 259M and DVB-ASI
- For use with T# UOM-SFP rear module
- LC Simplex connectors - single mode
- Pluggable and hot swappable
- Supports 3G up to 10 km over a single fiber
- Single +3.3 power supply
- Low power consumption - 200 mA typical
- Complies with FCC, TUV and UL standards
- Lead free and RoHS compliant

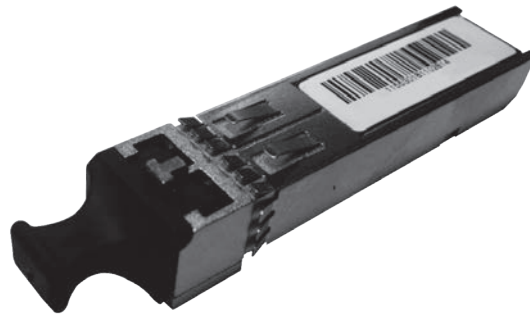


OPTICAL PERFORMANCE SPECIFICATION				
Parameter		Min	Typ	Max
Wavelength (nm)		1260	-	1620
Receiver Sensitivity (dBm)	2.97 Gb/s	-18	-	-
	1.485 Gb/s	-18	-	-
	270 Mb/s	-18	-	-
Overload (dBm)		-	-	-1
Loss of Signal Assertd (dBm)		-35	-	-
Loss of Signal De-asserted (dBm)		-	-	-16
Optical Hysteresis (dB)		0.5	2	-

ELECTRICAL SPECIFICATION				
Parameter		Min	Typ	Max
Operating case temperature range (degree C)		0	-	70
Storage temperature range (degree C)		-40	-	85
Power supply voltage (V)		3.1	3.3	3.5
Power consumption (mA)		-	100	150

# DUAL SDI FIBER OPTIC TRANSMITTER - SFP MODULE

- Dual channel transmitter
- Supports SMPTE-424M, 292M, 259M and DVB-ASI
- For use with T# UIM-SFP rear module
- LC Simplex connectors - single mode
- Pluggable and hot swappable
- Supports 3G up to 10 km over a single fiber
- Single +3.3 power supply
- Low power consumption - 260 mA typical
- Complies with FCC, TUV and UL standards
- Lead free and RoHS compliant

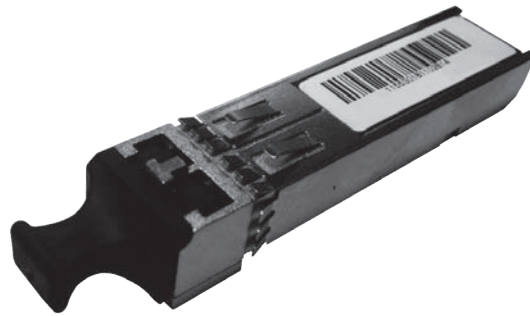


OPTICAL PERFORMANCE SPECIFICATION				
Paramter		Min	Typ	Max
Optical Power (dBm)		-8	-5	-3
Wavelength (nm)		1290	1310	1330
Linear Extinction Ratio		5.0	8	-
Intrinsic Jitter (ps)	2.97 Gb/s	-	45	80
	1.485 Gb/s	-	45	80
	270 Mb/s	-	45	80
Optical Signal Rise Time (Ps)	2.97 Gb/s	-	-	135
	1.485 Gb/s	-	-	270
	270 Mb/s	-	-	400
Optical Signal Fall Time (ps)	2.97 Gb/s	-	-	135
	1.485 Gb/s	-	-	270
	270 Mb/s	-	-	400

ELECTRICAL SPECIFICATION				
Paramter		Min	Typ	Max
Operating case temperature range (degree C)		0	-	70
Storage temperature range (degree C)		-40	-	85
Power supply voltage (V)		3.1	3.3	3.5
Power consumption (mA)		-	260	400

# DUAL SDI FIBER OPTIC RECEIVER - SFP MODULE

- Dual channel transmitter
- Supports SMPTE-424M, 292M, 259M and DVB-ASI
- For use with T# UOM-SFP rear module
- LC Simplex connectors - single mode
- Pluggable and hot swappable
- Supports 3G up to 10 km over a single fiber
- Single +3.3 power supply
- Low power consumption - 200 mA typical
- Complies with FCC, TUV and UL standards
- Lead free and RoHS compliant



OPTICAL PERFORMANCE SPECIFICATION				
Parameter		Min	Typ	Max
Wavelength (nm)		1260	-	1620
Receiver Sensitivity (dBm)	2.97 Gb/s	-16	-	-
	1.485 Gb/s	-16	-	-
	270 Mb/s	-16	-	-
Overload (dBm)		-	-	-1
Loss of Signal Assertd (dBm)		-35	-	-
Loss of Signal De-asserted (dBm)		-	-	-16
Optical Hysteresis (dB)		0.5	2	-

ELECTRICAL SPECIFICATION				
Parameter		Min	Typ	Max
Operating case temperature range (degree C)		0	-	70
Storage temperature range (degree C)		-40	-	85
Power supply voltage (V)		3.1	3.3	3.5
Power consumption (mA)		-	200	300