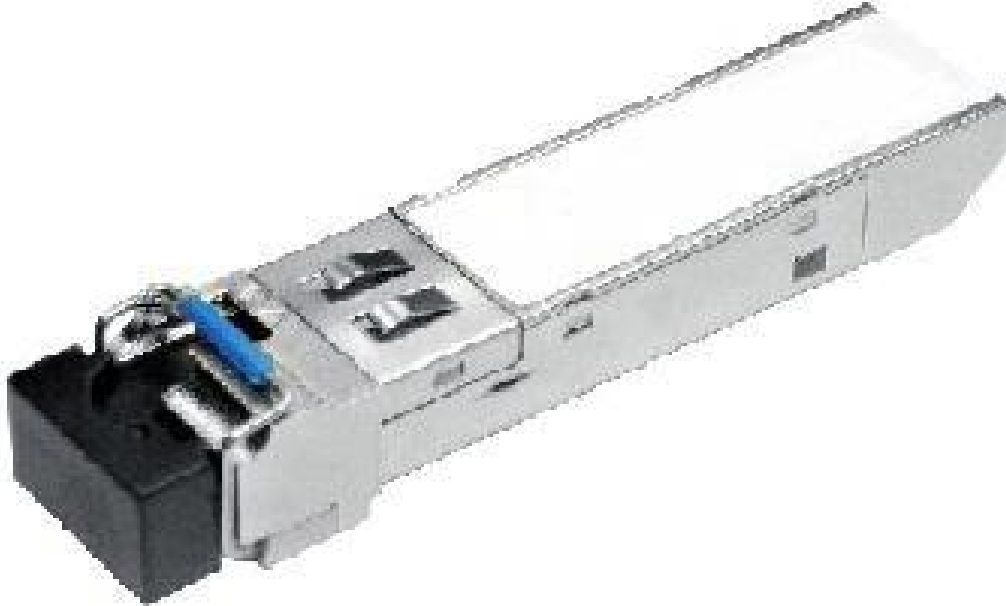


1. 25Gb/s 80km SFP

RTXM182-831 & RTXM182-832



|             |             |          |        |     |     |
|-------------|-------------|----------|--------|-----|-----|
| RTXM182-831 | RTXM182-832 | 1.25Gb/s | LC     | SFP | PIN |
|             |             |          | EEPROM | -   | .   |

LC  
3.3V  
1.25Gb/s  
PECL  
80  
: 0°C ~70°C  
RoHS

SFP MSA (INF-8074i)  
 IEEE802.3ah  
 ITU-T G.957

|                |       |                 |       |      |      |      |        |
|----------------|-------|-----------------|-------|------|------|------|--------|
|                |       |                 |       |      |      |      |        |
|                |       | Icc             | mA    | -    | -    | 300  | 1      |
|                |       |                 | mV    | 150  | -    | 1100 |        |
|                |       |                 | mV    | 300  | -    | 600  |        |
| TX_fault /LOS  | (TTL) | VOH             | V     | 2.0  | -    | Vcc  |        |
|                |       | VOL             | V     | 0    | -    | 0.8  |        |
| TX_disable     | (TTL) | VOH             | V     | 2.0  | -    | Vcc  |        |
|                |       | VOL             | V     | 0    | -    | 0.8  |        |
| 1.25G BIDI SFP |       |                 |       |      |      |      |        |
|                |       | Po              | dBm   | -2   |      | +4   | EOL    |
|                |       | $\lambda_c$     | nm    | 1480 | 1490 | 1500 | DFB-LD |
|                |       |                 |       | 1560 | 1570 | 1580 | DFB-LD |
|                |       | EX              | dB    | 9    |      |      |        |
| (20dB)         |       | $\Delta\lambda$ | nm    |      |      | 1    |        |
|                |       |                 | dB    | 30   |      |      |        |
|                |       | Tp-p            | ps    |      |      | 267  | 2      |
|                |       | RIN             | dB/Hz |      |      | -120 |        |
| IEEE802.3ah    |       |                 |       |      |      |      |        |
|                |       | Poff            | dBm   | -    | -    | -45  |        |
|                |       | $\lambda_c$     | nm    | 1560 |      | 1580 |        |
|                |       |                 |       | 1480 |      | 1500 |        |
|                |       | S               | dBm   |      |      | -26  |        |
|                |       | Pin             | dBm   | 0    |      |      |        |
|                |       |                 | dB    |      |      | -26  |        |
|                |       |                 | dB    | -35  |      |      |        |
|                |       |                 | dB    | 0.5  | 3    | 5    |        |
|                |       |                 | dB    |      |      | 1    |        |

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|             |     |       |                  |              |               |             |        |      |    |
|-------------|-----|-------|------------------|--------------|---------------|-------------|--------|------|----|
| RTXM182-831 | SFP | 1.25G | 1490nm<br>DFB-LD | -2~+4<br>dBm | PIN<br>1570nm | <<br>-26dBm | 0~70°C | 80km | GE |
| RTXM182-832 | SFP | 1.25G | 1570nm<br>DFB-LD | -2~+4<br>dBm | PIN<br>1490nm | <<br>-26dBm | 0~70°C | 80km | GE |