

10 Gb/s xxm SFP+



10Gb SFP+  
10GbE SFP+

ROSH

10.5 Gbps

100  
0~70  
+3.3V±5%  
DDM  
EMI

10G

SFF-8431 Rev 3.0  
SFF-8472 Rev 11.0

|  |     |  |  |  |                   |
|--|-----|--|--|--|-------------------|
|  |     |  |  |  |                   |
|  |     |  |  |  |                   |
|  | BER |  |  |  | 10 <sup>-12</sup> |

|        |       |       |
|--------|-------|-------|
|        |       | (OMA) |
| (Gb/s) | (dBm) | dBm   |

|     |                 |     |       |     |                      |
|-----|-----------------|-----|-------|-----|----------------------|
|     |                 |     |       |     |                      |
|     |                 |     |       |     |                      |
|     | V <sub>CC</sub> | V   | 3.135 | 3.3 | 3.465                |
|     | I <sub>CC</sub> | mA  |       |     | 300                  |
|     |                 |     |       |     |                      |
|     | Z <sub>IN</sub> | ohm | 80    | 100 | 120                  |
|     | V <sub>IN</sub> | mV  | 200   |     | 800                  |
|     | V <sub>IH</sub> | V   | 2.0   | -   | V <sub>CC</sub> +0.3 |
|     | V <sub>IL</sub> | V   | 0     | -   | 0.8                  |
|     | V <sub>OH</sub> | V   | 2.0   | -   | V <sub>CC</sub> +0.3 |
|     | V <sub>OL</sub> | V   | 0     | -   | 0.8                  |
|     |                 |     |       |     |                      |
|     | V <sub>O</sub>  | mV  | 300   |     | 800                  |
|     | -               | -   | -     | -   | -                    |
|     | -               | -   | -     | -   | -                    |
| LOS | V <sub>OH</sub> | V   | 2.0   | -   | V <sub>CC</sub> +0.3 |
| LOS | V <sub>OL</sub> | V   | 0     | -   | 0.8                  |