# 40Gbps QSFP+

## 40Gbps QSFP+ Fibre Transceivers

| Short Description | Form Factor | Order Code | Data Rate | Wavelength | Media | Distance | Tx Max (dBm) | Tx Min (dBm) | Rx Max (dBm) | Rx Min (dBm) | Min Attenuation (dB) | Loss Budget (dB) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40Gbps 1310nm 10km | QSFP+ | 80-39-031 | 40Gbps | 4 CWDM Lanes 1270 - 1330nm | SMF Dual-LC | 10km | 2.3 | -7.0 | 2.3 | -13.7 | 0.0 | 6.7 |
| 40Gbps 1310nm 20km | QSFP+ | 80-39-032 | 40Gbps | 4 CWDM Lanes 1270 - 1330nm | SMF Dual-LC | 20km | 2.3 | -4.0 | 2.3 | -13.7 | 0.0 | 9.7 |
| 40Gbps 1310nm 40km | QSFP+ | 80-39-033 | 40Gbps | 4 CWDM Lanes 1270 - 1330nm | SMF Dual-LC | 40km | 4.5 | -2.7 | -4.5 | -21.2 | 9.0 | 18.5 |

Exact optical specifications may vary from those stated above which are representative for loss budgetary design purposes. If link optical parameters are marginal or critical then re-check these optical specifications at the time of purchase.
Operating distances are nominal and actually depend on fibre link losses which are made up of the fibre length and attenuation, as well as the number and quality of fibre connections and fibre patches.
Please note that failure to observe the Rx Max and Min Attenuation parameters may cause transceiver damage.
Alternative QSFP+ transceivers may also be available.

datasheet **40Gbps QSFP+**