

Active optical cable – 40 Gbps to 4x 10 Gbps application

Description:

OPTOKON Active cable offers cost-effective solution for aggregate 4 discrete SFP+ channel into single parallel QSFP+ 40G interface. For typical applications, users can install this Active Optical cable between 40G QSFP port and four upstream 10Gbps SFP+ (Server Manufacturers supporting 40/10 Gbps or Data Center with 10 Gbps requirements with aggregation Architecture) and at distances of up to 150m.



Applications:

- Network Switch Manufacturers supporting 40/10 Gbps
- Server Manufacturers supporting 40/10 Gbps
- Data Centers with 10 Gbps requirements with Aggregation Architectures

Compliance

- QSFP+ module compliant to SFF 8436 MSA
- SFP+ module compliant to SFF8431 MSA
- RoHS Compliant.

Ordering code:

M40-AC-QP-4xSP-XXX-D XXX.....Cable lengths on OM3 or OM4 Multimode Fiber ⁱ(Maximum 150 mⁱⁱ)

Standard distance:

XXX code	Distance
[-]	[m]
003	3
005	5
007	7
010	10
050	50
100	100

Table 1: Distance codes.

Part number	Description
M40-AC-QP-4xSP-003-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 3 m distance, temperature 0°C to 70°C
M40-AC-QP-4xSP-005-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 5 m distance, temperature 0°C to 70°C
M40-AC-QP-4xSP-007-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 7 m distance, temperature 0°C to 70°C
M40-AC-QP-4xSP-010-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 10 m distance, temperature 0°C to 70°C
M40-AC-QP-4xSP-050-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 50 m distance, temperature 0°C to 70°C
M40-AC-QP-4xSP-100-D	Active cable, 40 Gbps QSFP to 4 x SFP+, 100 m distance, temperature 0°C to 70°C

Table 2: Examples

ⁱ Cable length's range of SFP+ end to 1- 4 point must be 0.5 to 3 m.

ⁱⁱ Other lengths may be available upon request, please contact sales