



Overview

Optech introduces our Active Optical Cable Line, including 10 up to 100G AOC, 40G QSFP+ to 4xQSFP+ and 100G QSFP28 to 4x25G SFP28 Fanout AOC. As advanced and extended solution for previous DAC (Direct-attach-Cable) product line, AOC can support transmission reach up to 100 meters through fiber cables.

Custom lengths are available as a more flexible and cost-efficient solution for your high speed networking.



10G SFP+ Active Optical Cable



40G QSFP+ Active Optical Cable



40G QSFP+ to 4x10G SFP+ Fanout Active Optical Cable



25G SFP28 Active Optical Cable



100G QSFP28 Active Optical Cable



100G QSFP28 to 4x25G SFP28 Fanout Active Optical Cable



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Optical Cables Specifications

Environmental Characteristics

◆ Operating Temperature	0 to 70°C
◆ Storage Temperature	-20 to 85 °C
◆ Relative Humidity	5 to 85%

Application

- ◆ Enterprise
- ◆ Networking/Communications
- ◆ Data Centers
- ◆ High-Speed I/O Storage
- ◆ RAIDs, JBODs, HBAs
- ◆ High-Bandwidth Switches, Routers and Servers



10G SFP+ Active Optical Cables

Part Number	Model No.	Length	Compliant
OPSFPP-F-03-AK	10G SFP+ Optical Cable 3 Meter	3 m	SFF-8431
OPSFPP-F-05-AK	10G SFP+ Optical Cable 5 Meter	5 m	SFF-8431
OPSFPP-F-10-AK	10G SFP+ Optical Cable 10 Meter	10 m	SFF-8431
OPSFPP-F-20-AK	10G SFP+ Optical Cable 20 Meter	20 m	SFF-8431
OPSFPP-F-A0-AK	10G SFP+ Optical Cable 100 Meter	100 m	SFF-8431

25G SFP28 Active Optical Cables

Part Number	Description	Length	Compliant
OPSF28-F-03-AK	25G SFP28 AOC 3 Meter	3 m	SFF-8402
OPSF28-F-05-AK	25G SFP28 AOC 5 Meter	5 m	SFF-8402
OPSF28-F-10-AK	25G SFP28 AOC 10 Meter	10 m	SFF-8402
OPSF28-F-20-AK	25G SFP28 AOC 20 Meter	20 m	SFF-8402
OPSF28-F-A0-AK	25G SFP28 AOC 100 Meter	100 m	SFF-8402

40G QSFP+ Active Optical Cables

Part Number	Description	Length	Compliant
OPQSFP-F-03-AK	40G QSFP+ AOC 3 Meter	3 m	SFF-8436
OPQSFP-F-05-AK	40G QSFP+ AOC 5 Meter	5 m	SFF-8436
OPQSFP-F-10-AK	40G QSFP+ AOC 10 Meter	10 m	SFF-8436
OPQSFP-F-20-AK	40G QSFP+ AOC 20 Meter	20 m	SFF-8436
OPQSFP-F-A0-AK	40G QSFP+ AOC 100 Meter	100 m	SFF-8436

40G QSFP+ to 4x10G SFP+ Active Optical Fanout Cables

Part Number	Description	Length	Compliant
OPQSFP-F-03-A/SFPP/4	40G QSFP+ to 4x10G SFP+ Fanout Cable 3 Meter	3 m	SFF-8436/SFF-8431
OPQSFP-F-05-A/SFPP/4	40G QSFP+ to 4x10G SFP+ Fanout Cable 5 Meter	5 m	SFF-8436/SFF-8431
OPQSFP-F-10-A/SFPP/4	40G QSFP+ to 4x10G SFP+ Fanout Cable 10 Meter	10 m	SFF-8436/SFF-8431
OPQSFP-F-20-A/SFPP/4	40G QSFP+ to 4x10G SFP+ Fanout Cable 20 Meter	20 m	SFF-8436/SFF-8431
OPQSFP-F-A0-A/SFPP/4	40G QSFP+ to 4x10G SFP+ Fanout Cable 100 Meter	100 m	SFF-8436/SFF-8431

100G QSFP28 Active Optical Cables

Part Number	Description	Length	Compliant
OPQS28-F-03-AK	100G QSPF28 AOC 3 Meter	3 m	SFF-8665
OPQS28-F-05-AK	100G QSPF28 AOC 5 Meter	5 m	SFF-8665
OPQS28-F-10-AK	100G QSPF28 AOC 10 Meter	10 m	SFF-8665
OPQS28-F-20-AK	100G QSPF28 AOC 20 Meter	20 m	SFF-8665
OPQS28-F-A0-AK	100G QSPF28 AOC 100 Meter	100 m	SFF-8665

100G QSFP28 to 4x25G SFP28 Active Optical Fanout Cables

Part Number	Description	Length	Compliant
OPQS28-F-03-A/SF28/4	100G QSFP28 to 4x25G SFP28 Fanout Cable 3 Meter	3 m	SFF-8665/SFF-8042
OPQS28-F-05-A/SF28/4	100G QSFP28 to 4x25G SFP28 Fanout Cable 5 Meter	5 m	SFF-8665/SFF-8042
OPQS28-F-10-A/SF28/4	100G QSFP28 to 4x25G SFP28 Fanout Cable 10 Meter	10 m	SFF-8665/SFF-8042
OPQS28-F-20-A/SF28/4	100G QSFP28 to 4x25G SFP28 Fanout Cable 20 Meter	20 m	SFF-8665/SFF-8042
OPQS28-F-A0-A/SF28/4	100G QSFP28 to 4x25G SFP28 Fanout Cable 100 Meter	100 m	SFF-8665/SFF-8042