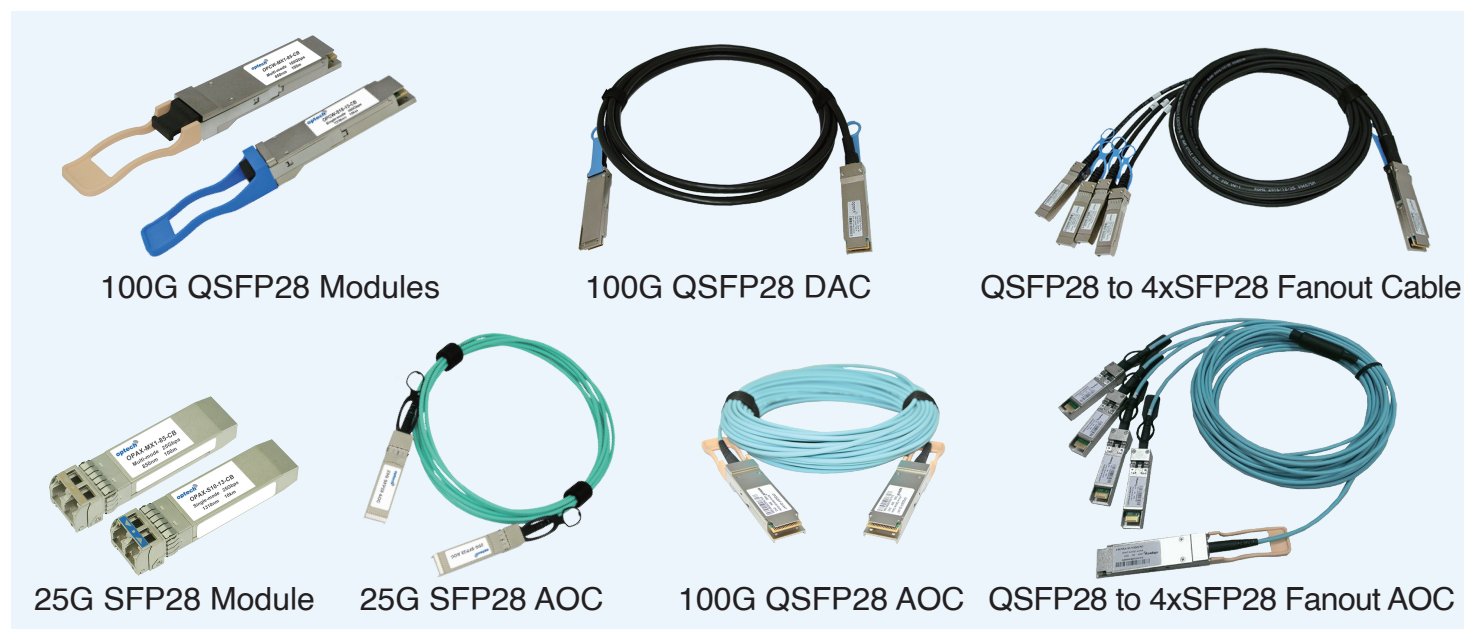




Overview

The QSFP28 (25G Quad Small Form-Factor Pluggable) transceiver and interconnect cable is a high-density, high-speed product solution designed for applications in the telecommunications, data center and networking markets. The interconnect offers four channels of high-speed differential signals with data rates ranging from 25 Gbps up to potentially 40 Gbps, and will meet 100 Gbps Ethernet (4x25 Gbps) and 100 Gbps 4X InfiniBand Enhanced Data Rate (EDR) requirements.



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25G SFP28 to 100G QSFP28 Series

Environmental Characteristics

◆Operating Temperature	0 to 70°C
◆Storage Temperature	-40 to 85 °C
◆Relative Humidity	5 to 95%

Application

- ◆Telecommunications
 - Cellular infrastructure
 - Access routers and switches
 - Servers
 - Switches
 - Datacenter
- ◆Data Center
 - Servers
 - Storage
 - ToR Rack
- ◆Network Interface
 - Switches
 - Routers
 - Storage
- ◆Test and measurement equipment
 - Agilent
 - IXIA
 - Spirent
 - XENA
 - EXFO

Safety & IEEE Compliance

- ◆Compliant with IEEE802.3z
- ◆Gigabit Ethernet standard
- ◆Compliant with IEEE802.3ae 10GBASE
- ◆Compliant with SONET OC-192 SR-1 SDH STM 164.1
- ◆Class 1 laser product complies with EN 60825-1
- ◆RoHS Compliant



25G SFP28 Fiber Optic Modules

Part Number	Model No.	Wavelength	Connector	Reach
OPAX-MX1-85-CB	SFP28-SR	850nm	LC	100m
OPAX-S10-13-CB	SFP25-LR	1310nm	LC	10km
OPAX-C08-yy-CB	SFP28-CWDM-08-yy	1270~1330nm	LC	8dB
OPAX-C08-yy-IB	SFP28-CWDM-08-yy	1270~1330nm	LC	8dB

40G QSFP+ Fiber Optics Specifications

Part Number	Model No.	Wavelength	Connector	Reach
OPCS-MX1-85-CB	QSFP+ SR4	850nm	MPO	100m
OPCS-MX3-85-CB	QSFP+ eSR4	850nm	MPO	300m
OPCS-S01-13-CBS	QSFP+ IR4 (PSM)	1310nm	MPO	1.4km
OPCS-S02-13-CB	QSFP+ IR4	1310nm	LC	2km
OPCS-S10-13-CB	QSFP+ LR4	1310nm	LC	10km
OPCS-S10-13-CBS	QSFP+ LR4 (PSM)	1310nm	MPO	10km
OPCS-X02-13-CB	QSFP+ LX4	1310nm	LC	2km
OPCS-S40-13-CB	QSFP+ ER4	1310nm	LC	40km

100G QSFP28 Fiber Optic Modules

Part Number	Model No.	Wavelength	Connector	Reach
OPCW-MX1-85-CB	QSFP28-SR4	850nm	MPO	100m
OPCW-MX1-85-CBT	QSFP28-SR4-OTN	850nm	MPO	100m
OPCW-S02-13-CBS	QSFP28-PSM4(QSFP28 IR4)	1310nm	MPO	2km
OPCW-S02-13-CB	QSFP28 CLR4 CWDM	1264~1337nm	LC	**2km
OPCW-S10-13-CBE	QSFP28-eCWDM4	1264~1337nm	LC	10km
OPCW-S10-13-CB	QSFP28-LR4	1294~1310nm	LC	10km
OPCW-S10-13-CBT	QSFP28-LR4-OTU4	1294~1310nm	LC	10km
OPCW-S10-13-IT	QSFP28-LR4-FEC	1294~1310nm	LC	10km
OPCW-S30-13-CB	QSFP28-ER4 Lite	1294~1310nm	LC	**30km/40km
OPCW-S30-13-CBT	QSFP28-ER4 Lite-OTN OTU4	1294~1310nm	LC	**30km/40km

**Non-FEC

25G SFP28 Active Optical Cables

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

40G QSFP+ Active Optical Cables

Part Number	Description	Length	Compliant
OPQSFP-F-03-AK	40G QSFP+ AOC 3 Meter, Active Optical Cables	3m	SFF-8436
OPQSFP-F-05-AK	40G QSFP+ AOC 5 Meter, Active Optical Cables	5m	SFF-8436
OPQSFP-F-10-AK	40G QSFP+ AOC 10 Meter, Active Optical Cables	10m	SFF-8436
OPQSFP-F-20-AK	40G QSFP+ AOC 20 Meter, Active Optical Cables	20m	SFF-8436
OPQSFP-F-50-AK	40G QSFP+ AOC 50 Meter, Active Optical Cables	50m	SFF-8436
OPQSFP-F-A0-AK	40G QSFP+ AOC 100 Meter, Active Optical Cables	100m	SFF-8436

100G QSFP28 Active Optical Cables

Part Number	Description	Length	Compliant
OPQS28-F-03-AK	100G QSFP28 AOC 3 Meter, Active Optical Cables	3m	SFF-8665
OPQS28-F-05-AK	100G QSFP28 AOC 5 Meter, Active Optical Cables	5m	SFF-8665
OPQS28-F-10-AK	100G QSFP28 AOC 10 Meter, Active Optical Cables	10m	SFF-8665
OPQS28-F-20-AK	100G QSFP28 AOC 20 Meter, Active Optical Cables	20m	SFF-8665
OPQS28-F-A0-AK	100G QSFP28 AOC 100 Meter, Active Optical Cables	100m	SFF-8665

**** Please contact sales@optech.com.tw for more details.**