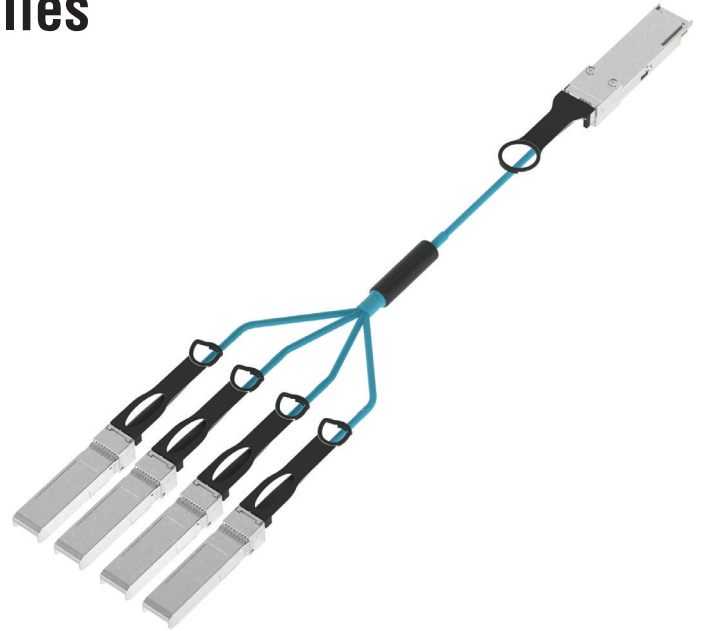


QSFP28 to Four SFP28 Breakout Active Optical Cable Assemblies

To meet the needs for migration from 25 to 100 Gb/s, Panduit offers QSFP28 to Four SFP28 Active Optical Cable Assemblies. These active cables provide a cost-effective solution for interconnecting high speed 100 Gb/s switches and servers to existing 25 Gb/s equipment.

The Active Optical Cable Assemblies are constructed with a 3.0mm 8-fiber round unitary cable broken out into four 3.0mm 2-fiber round cables, available in PVC rated jacket material. These cords are available in OM4 multimode fiber type with high performance insertion loss essential for today's high-speed systems requiring very low connector insertion loss.

End-to-end high speed data transport solutions from Panduit deliver enhanced availability, agility, and security. Visit www.panduit.com to learn more about how these solutions help customers manage risk across their physical infrastructure.



Key Features	Benefits
Compliant to SFF-8431	Compliant with 100GBASE-SR4 QSFP28 and 25 Gb/s SFP28 enabled equipment; hot pluggable to QSFP/SFP compliant host
EEPROM compliant to SFF-8472, SFF-8419	Ensures interoperability with 25 Gb/s and 100 Gb/s equipment
Low cost alternative	Provides a low cost interconnect alternative to pluggable optical transceivers that can be driven off the existing port power
100% performance tested	Confidence that each assembly delivers specified performance for ensured network availability
Low latency performance	Ideal for high performance computer clustering and other latency sensitive applications
Robust construction	Multimode fiber cable, factory terminated to QSFP28 and SFP28 modular connectors; rated to a minimum 50 mating cycles
High density deployment	QSFP28 connectors triple switch port density; robust easy-to-use latching feature allows high density belly-to-belly installation and deployments
Variety of lengths	Available 1 to 30 meters for design flexibility

Key applications include:

- End of Row or Top of Rack Switching to Server
- 16 Gb/s Fibre Channel
- Fibre Channel over Ethernet (FCoE)
- 25 Gigabit Ethernet

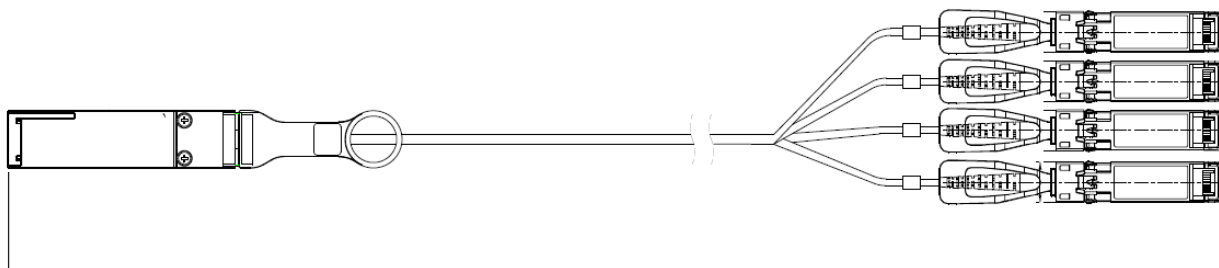
QSFP28 to Four SFP28 Breakout Active Optical Cable Assemblies

Technical Information

Characteristic impedance	100 +/- 10 Ohm
Temperature range	0°C to 70°C (32°F to 158°F)
IEC flame compliance	IEC 60332-3-24
Bend radius	5 x O.D. single time, 10 x O.D. repeated times; O.D. – 3.0mm
Insertion force to cage	40N (9 lbf.) maximum
Withdrawal force from cage	30N (7 lbf.) maximum
Durability	50 mating cycles minimum
ROHS status	Compliant

Ordering Information

Part Number	Length (m)	Length (Ft.)	Breakout Length	Fiber Type	Jacket
AZ83NQ2S2AQM001	1	3.3	.67	OM4	PVC
AZ83NQ2S2AQM002	2	6.6	1.3	OM4	PVC
AZ83NQ2S2AQM003	3	9.8	2	OM4	PVC
AZ83NQ2S2AQM005	5	16.4	3	OM4	PVC
AZ83NQ2S2AQM007	7	23.0	3	OM4	PVC
AZ83NQ2S2AQM010	10	32.8	3	OM4	PVC
AZ83NQ2S2AQM015	15	49.2	3	OM4	PVC
AZ83NQ2S2AQM020	20	65.6	3	OM4	PVC
AZ83NQ2S2AQM025	25	82.0	3	OM4	PVC
AZ83NQ2S2AQM030	30	98.4	3	OM4	PVC



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