DIGITUS® 100Gbps QSFP28 Active Optical Cable 10 m

DN-81626

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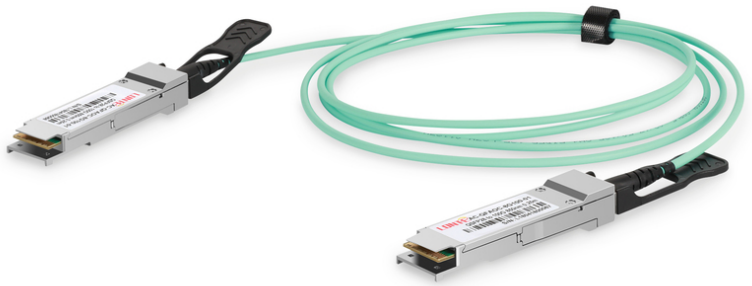

100G QSFP28to QSFP28 Active Optical Cable MMF 850nm 10m

DIGITUS® 100G QSFP28 AOC active cables are a high-performance, low-power short-range interconnect solution. They are compliant with the SFF-8431 SFP+ Electrical MSA, SFF-8432 SFP+ Mechanical MSA and QSFP28 MSA compliant. 4 full-duplex channels are used, with each channel capable of transferring data at speeds up to 25Gb/s, resulting in an aggregate rate of up to 103.1Gb/s. DIGITUS® 100G QSFP+ AOC active cables offer increased port density and cost savings in the overall system. The specific programming of each QSFP28 cable can safely ensure adaptation to the needs of any IT environment. "

100 Gigabit Ethernet links, Infiniband interconnect, Data center cabling infrastructure. Compatible brands: Allnet, CISCO, 3COM, D-LINK, Dell, Edimax, Etherwan, ENTERASYS, EXTREME, FINISAR, FORCE 10, Fortinet, HUAWEI, IBM, JUNIPER, LINKSYS, NETGEAR, NORTEL, RIVERSTONE, ZTE, ZYXEL

- 10 m maximum distance
- 4 channels full-duplex transceiver modules
- 4 channels 850nm VCSEL array, 4 channels PIN photodetector array
- Transmission data rate up to 28.05 Gbps per channel, 100 Gbps in total
- Maximum connection length of 70 m for OM3 MMF and 100 m for OM4 MMF
- Hot pluggable QSFP form factor, single MPO connector socket
- Built-in digital diagnostic functions
- 3.3 V supply voltage; low power consumption <3.5 W
- Operating temperature of the housing 0°C to +70°C
- RoHS 6-compliant (lead-free)
- SFF-8431 SFP+ Electrical MSA
- SFF-8432 SFP+ Mechanical MSA
- Storage temperature: -40 to 85 °C
- Compatible brands: Allnet, CISCO, 3COM, D-LINK, Dell, Edimax, Etherwan, ENTERASYS, EXTREME, FINISAR, FORCE 10, Fortinet, HUAWEI, IBM, JUNIPER, LINKSYS, NETGEAR, NORTEL, RIVERSTONE, ZTE, ZYXEL

Attributes

- Connector: MPO
- Distance (km): 0.1
- Length: 10 m
- Wavelength: 850 nm
- DDM Support: no
- Manufacturer compatibility: Cisco
- Connection: QSFP+
- Ethernet speed: Gigabit

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	80	16.00	48.00	48.00	38.00	87,552.00
Packaging Unit Inside	1	0.20	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.20	26.00	26.00	3.00	2,028.00
Net single without Packaging	1	0.32	5.80	1.40	1.50	0.00

Safety notes

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage
- eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.
- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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