

# DIGITUS 100Gbps QSFP28 Active Optical Cable 10 m

DN-81626  
EAN 4016032480990



### 100G QSFP28to QSFP28Active 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
- DDM Support: no

| 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      |