

**50G SFP56 to SFP56 AOC, 50G SFP56 Active Optical Cable.**

The 50G SFP56 AOC active optical cables are designed for 50G Ethernet links reach up to 70m (OM3) or 100m (OM4) over Multi-Mode Fiber (MMF)

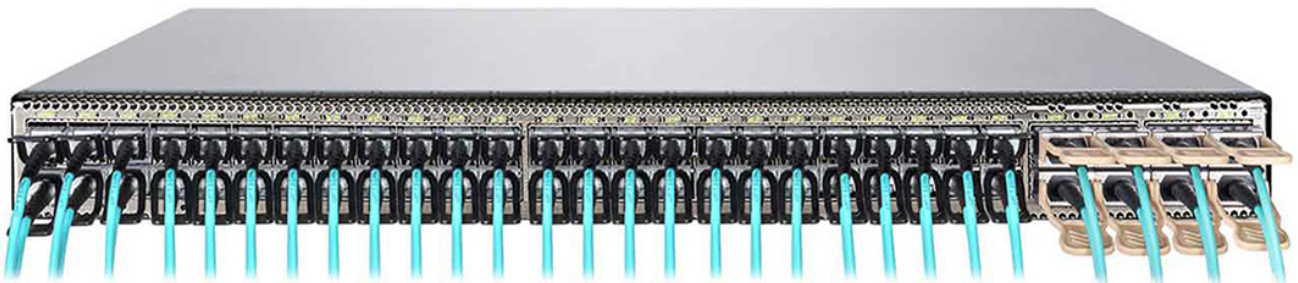


**Features**

- Hot-pluggable SFP56 form-factor connectors
- Full-duplex active optical cables
- 850nm VCSEL array and PIN photo-detector array
- Internal CDR circuits on both receiver and transmitter channels
- Support CDR bypass
- Compliant with SFP56 MSA and IEEE 802.3cd 50GBASE-SR
- Data rate up to 53.125Gbps
- Power consumption < 2W per end
- Length up to 70m (OM3) or 100m (OM4) over MMF
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

**50G Connectivity for Data Center**

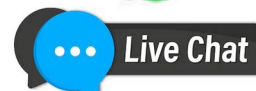
Featured with 2W low-power, high-density and high-speed, the SFP56 transceiver offers a popular way to help you quickly ramp up to 50G transmission.



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### Applications

- 50GBASE-SR Ethernet

### Connection Diagram



SPECIFICATIONS	
Connector A	50G SFP56
Connector B	50G SFP56
Max Data Rate	53.125Gbps
Max Length	100m (328ft)
Wavelength	850nm
Media	OM4 MMF
Temperature	0 to 70°C (32 to 158°F)
Power Consumption	< 2W