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**10G SFP+ to SFP+ AOC, 10G SFP+ Active Optical Cable.**

This 10G SFP+ to SFP+ AOC (Active Optical Cable) consists of two SFP+ modules and a fiber cable assembly, transmitting up to 10Gbps in each direction over a OM3 MMF with distance up to 300m. The SFP+ AOC can be used as an alternative solution to SFP+ transceiver, while providing improved signal integrity, longer distances, superior electromagnetic immunity and better bit error rate performance.



**Features**

- 10Gb/s serial optical interface
- 850nm high-speed VCSEL and PIN receiver
- Support 10Gb/s transmission distance up to 100 meters with MMF
- Operating case temperature 0°C to +70°C
- Single 3.3V power supply
- Mechanical specifications compliant with SFF-8432
- Electrical specifications compliant with SFF-8431
- Support digital diagnostics monitoring for module temperature, Vcc, Rx input power, Tx\_Disable and Rx\_LOS
- Typical power consumption 200mW
- I2C communication bus
- Hot pluggable
- RoHS-6 compliance

**Applications**

- 10GBASE-SR Ethernet
- 4G/8G Fibre Channel
- InfiniBand SDR/DDR/QDR
- Datacom and Telecom switch or router backplane connection
- High performance computing interconnect

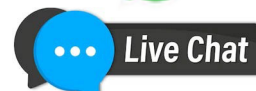


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### Connection Diagram



SPECIFICATIONS	
Connector A	10G SFP+
Connector B	10G SFP+
Max Data Rate	10.3Gbps
Cable Type	OM3
Max Length	300m (984ft)
Wavelength	850nm
Media	OM3 MMF
Temperature	0 to 70°C (32 to 158°F)
Minimum Bend Radius	7.5mm
Power Consumption	< 0.8W