

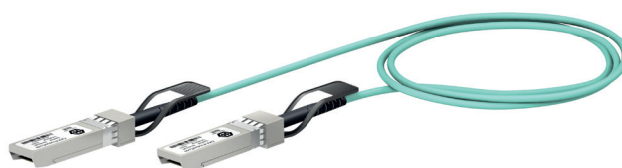
10G ACTIVE OPTICAL CABLE

CSA-901A TRANSCEIVER CABLE

PRODUCT OVERVIEW

Properties

- Multi-protocol support
- Data rate up to 11.3 Gbps
- SFP+ to SFP+
- Cable length from 0.5 to 100m
- Multimode fibre
- Temperature range 0 ... 70°C
- Power consumption <0.7 W (<0.35 W per terminal)



General Data

Form Factor	SFP+ to SFP+
Cable Media Type	Active Optical Cable (AOC)
Media	MMF
Protocol	1/10G Ethernet, 1/2/4/8/10G FC, STM-64/OC-48, CPRI Option 2...8, OBSAI
Inbuilt FEC	No
Operation Temperature	0°C ... 70°C
Storage Temperature	-40°C ... 85°C
Power Consumption	<1.5 W
Digital Diagnostic Management (DDM)	Built-in
Laser Hazard Level	1
Available Cable Lengths	0.5m to 100m

Absolute Maximum Ratings

Maximum Supply Voltage Range	3.13 V ... 3.47 V
Maximum Storage Temperature Range	-40°C ... 85°C
Maximum Relative Humidity Range	5 % ... 85 %



Transmitter Specifications

Laser Type	VCSEL
Operating Wavelength Range	840 nm ... 860nm
Total Optical Output Power	< -6 dBm
Supported Data Rate	10.3 GB/s

Receiver Specifications

Supported Data Rate	10.3 GB/s
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Order Code Explanation

CSA-901Axxxx-yyyy	"xxxx" is an alphanumeric string, describing the compatibility. "0000" means no special coding to ensure compatibility with a special switch type.	-yyyy: Numerical string, indicating the cable length in multiples of 0.1m.
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Ordering Information

Part Code	Item Description	Length in Metres
85240674	CSA-901A_0010	1
85240675	CSA-901A_0020	2
85240676	CSA-901A_0030	3
85240677	CSA-901A_0050	5

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