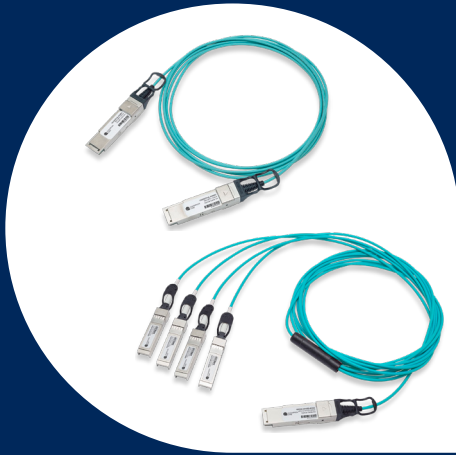


SUREPORT DATA SHEET

Juniper-Compatible Active Optical Cables



Champion ONE's active optical cables (AOCs) offer compatibility with OEM platforms and cables, and provide an affordable low-power alternative to optical transceivers. These cables are a perfect fit for simplified intra rack and inter rack configurations in a data center environment, and are available in data rates from 10G to 100G, and in one-to-one and breakout configurations.

Champion ONE Sureport transceivers are programmed for one-to-one compatibility with your existing OEM platforms.

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant
IEEE Std 802.3ba
SFP+ MSA (multi-source agreement)
UL/CSA Class 3862.07 / 3862.87

PROTOCOLS AND DATA RATES

10G Ethernet, 40G Ethernet, 100G Ethernet

DIMENSIONS

See below for standard lengths. Custom and additional lengths are available upon request.

CONNECTOR

AOCs and breakouts terminate with their respective form factor transceivers.

WARRANTY

All feature a limited 3-year warranty

NOTES

For a full list of comparable Juniper Networks® part numbers, please refer to the table below.

C1 Part Number	Length (m)	Standard	Temp Range (°C)	Description	Substitute for Juniper Networks® part #s
10G ETHERNET					
10GESAOc-xxx-JUN	x = 1/3/5/7/10/15/20/30/50/100m	10GBase-CR	0 to 70	10G Ethernet SFP+ Active Optical Cable 1-100m, Juniper Networks Compatible	SFP10G-AOC-1M, SFP10G-AOC-3M, SFP10G-AOC-5M, SFP10G-AOC-7M, SFP10G-AOC-10M, SFP10G-AOC-15M, SFP10G-AOC-20M, SFP10G-AOC-30M
40G TO 4X10G ETHERNET BREAKOUT					
40G-AOBxx-JUN	x = 1/3/5/7/10m	40GBase-CR to 10GBase-CR	0 to 70	40G QSFP+ to 4x10G SFP+ Breakout Active Optical Cable 1-10m, Juniper Networks Compatible	QSFP-410G-AOC-1M, QSFP-410G-AOC-3M, QSFP-410G-AOC-5M, QSFP-410G-AOC-7M, QSFP-410G-AOC-10M

C1 Part Number	Length (m)	Standard	Temp Range (°C)	Description	Substitute for Juniper Networks® part #s
40G ETHERNET					
40GEQAOC-xxx-JUN	x = 1/3/5/7/10/15/20/30/50/100m	40GBase-CR	0 to 70	40G Ethernet QSFP+ Passive Direct Attach Cable 1-100m, Juniper Networks Compatible	QSFP-AOC-1M, QSFP-AOC-3M, QSFP-AOC-5M, QSFP-AOC-7M, QSFP-AOC-10M, QSFP-AOC-15M, QSFP-AOC-20M, QSFP-AOC-30M
100G ETHERNET					
100GEQAOC-xxx-JUN	x = 1/3/5/7/10/15/20/30/50/100m	100GBase-CR	0 to 70	100G Ethernet QSFP28 Active Optical Cable 1-100m, Juniper Networks Compatible	JNP-100G-AOC-1M, JNP-100G-AOC-3M, JNP-100G-AOC-5M, JNP-100G-AOC-7M, JNP-100G-AOC-10M, JNP-100G-AOC-15M, JNP-100G-AOC-20M, JNP-100G-AOC-25M, JNP-100G-AOC-30M, JNP-100G-AOC-50M, JNP-100G-AOC-100M
100G TO 4X25G ETHERNET					
100G-AOBxx-JUN	x = 1/3/5/7/10m	100GBase-CR to 25GBase-CR	0 to 70	100G QSFP+ to 4x25G SFP28 Breakout Direct Attach Cable 1-10m, AWG28, Juniper Networks Compatible	JNP-100G-4X25G-AOC-1M, JNP-100G-4X25G-AOC-3M, JNP-100G-4X25G-AOC-5M, JNP-100G-4X25G-AOC-7M, JNP-100G-4X25G-AOC-10M

* Parts are intended as one-to-one replacements. Please verify that the OEM part number is compatible with your system before ordering. If you have questions regarding specific switches and routers, please contact your Champion ONE sales representative for support. In most cases, a customized solution can be developed to meet your needs.