

SUREPORT DATA SHEET

Juniper-Compatible Direct Attach Cables



Champion ONE's direct-attach cables (DACs) 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

DIMENSIONS

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

CONNECTOR

DACs 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					
10GESPD0x-JUN	x = 1/3/5/7m	10GBase-CR	0 to 70	SFP+ 10GBASE-CR Passive Direct Attach Cable, 1/3/5/7m, Juniper Networks compatible	SFP-10GE-DAC-1M, SFP-10GE-DAC-3M, SFP-10GE-DAC-5M, SFP-10GE-DAC-7M
10GESPD10x-JUN	x = 10m	10GBase-CR	0 to 70	SFP+ 10GBASE-CR Active Direct Attach Cable, 10m, Juniper Networks compatible	SFP-10GE-DAC-10M
40G TO 4X10G ETHERNET BREAKOUT					
40G-DAB0x-JUN	x = 1/3/5m	40GBase-CR to 10GBase-CR	0 to 70	40G QSFP+ to 4x10G SFP+ Breakout Direct Attach Cable 1/3/5m, Juniper Networks Compatible	QFX-QSFP-DACBO-1M, QFX-QSFP-DACBO-3M, QFX-QSFP-DACBO-5M
40G ETHERNET					
40GESPD0x-JUN	x = 1/3/5/7m	40GBase-CR	0 to 70	40G Ethernet QSFP+ Passive Direct Attach Cable 1-7m, Juniper Networks Compatible	JNP-QSFP-DAC-1M, JNP-QSFP-DAC-3M, JNP-QSFP-DAC-5M, JNP-QSFP-DAC-7M

C1 Part Number	Length (m)	Standard	Temp Range (°C)	Description	Substitute for Juniper Networks® part #s
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100G ETHERNET

100GESDPC-0x-JUN	x = 1/3/5m	100GBase-CR`	0 to 70	100G Ethernet QSFP28 Direct Attach Cable 1-5m, Juniper Networks Compatible	JNP-100G-DAC-1M, JNP-100G-DAC-3M, JNP-100G-DAC-5M
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100G TO 4X25G ETHERNET

100GQ-4x25S-BO01-JUN-30	1m	100GBase-CR` to 25GBase-CR	0 to 70	100G QSFP+ to 4x25G SFP28 Breakout Direct Attach Cable 1m, AWG30, Juniper Networks Compatible	JNP-100G-4X25G-1M
100GQ-4x25S-BO0x-JUN-28	x = 3m / 5m	100GBase-CR` to 25GBase-CR	0 to 70	100G QSFP+ to 4x25G SFP28 Breakout Direct Attach Cable 3m/5m, AWG28, Juniper Networks Compatible	JNP-100G-4X25G-3M JNP-100G-4X25G-5M

* 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.