

SUREPORT DATA SHEET

Calix-Compatible 10G Single Fiber SFP+



Champion ONE's SFP+ single fiber bi-directional (bidi) product line enables you to double network capacity without running new fiber. By utilizing a single strand of fiber for full-duplex circuits, our bidi solutions help you reduce test, turn up, and fiber lease costs.

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 802.3ae, 802.3aq (10Gbase-LRM)
SFP+ MSA (multi-source agreement)
UL/CSA Class 3862.07 / 3862.87

PROTOCOLS AND DATA RATES

Product line supports the following protocols and data rates:
10G Ethernet LAN/WAN

DIMENSIONS

8.5 x 13.4 x 56.5 mm ; 75 g

CONNECTOR

Simplex LC connector

WARRANTY

All feature a limited 5-year warranty

NOTES

This part is an exclusive offer from Champion ONE.

All parts are available in both Standard (0 to 70° C) and I-Temp versions (-40 to 85° C).

C1 Part Number	Transmit Wave-length (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Calix® part #s
10G ETHERNET DUAL FIBER SFP+								
10GS-B27-10-CLX	1270 Tx/1330 Rx	SMF	10	0 to 70	SFP+ SF 10GBase-LR 1270 Tx/1330 Rx 10km, Calix compatible	-6 / 0	-14 / 0.5	***C1 Exclusive***
10GS-B33-10-CLX	1330 Tx/1270 Rx	SMF	10	0 to 70	SFP+ SF 10GBase-LR 1330 Tx/1270 Rx 10km, Calix compatible	-6 / 0	-14 / 0.5	***C1 Exclusive***
10GS-B27-40-CLX	1270 Tx/1330 Rx	SMF	40	0 to 70	SFP+ SF 10GBase-ER 1270 Tx/1330 Rx 40km, Calix compatible	0 / 6	-15 / 0.5	***C1 Exclusive***
10GS-B33-40-CLX	1330 Tx/1270 Rx	SMF	40	0 to 70	SFP+ SF 10GBase-ER 1330 Tx/1270 Rx 40km, Calix compatible	0 / 6	-15 / 0.5	***C1 Exclusive***
10GS-B27-60-CLX	1270 Tx/1330 Rx	SMF	60	0 to 70	SFP+ SF 10GBase-ER 1270 Tx/1330 Rx 60km, Calix compatible	1 / 6	-20 / -6	***C1 Exclusive***
10GS-B33-60-CLX	1330 Tx/1270 Rx	SMF	60	0 to 70	SFP+ SF 10GBase-ER 1330 Tx/1270 Rx 60km, Calix compatible	1 / 6	-20 / -6	***C1 Exclusive***
10GS-B49-80-CLX	1490 Tx/1550 Rx	SMF	80	0 to 70	SFP+ SF 10GBase-ZR 1490 Tx/1550 Rx 80km, Calix compatible	0 / 5	-23 / -6	***C1 Exclusive***
10GS-B55-80-CLX	1550 Tx/1490 Rx	SMF	80	0 to 70	SFP+ SF 10GBase-ZR 1550 Tx/1490 Rx 80km, Calix compatible	0 / 5	-23 / -6	***C1 Exclusive***

1. I-temp (-40 to 85° C) part numbers add "I" after distance designation (e.g., 10km 1270nm I-temp = 10GS-B27-10I-CLX).

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