

QSFP-DD OVERVIEW

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The tables below list the QSFP-DD transceivers currently provided in the Smartoptics portfolio and with the most characteristic parameters. Please refer to the respective datasheets for more technical information.

GREY QSFP-DD TRANSCEIVERS

Part number	Protocols	Dist	Wavelengths	Fiber	Conn	Standard / MSA	Pwr budget	Datasheet
SO-QSFP-DD-4C-DR4-M	400GE	500m	4x 1311nm	SM	1x MPO	400G-DR4 / CMIS3.0	3dB	Datasheet
SO-QSFP-DD-4C-DR4-4-M	400GE	500m	4x 1311nm	SM	1x MPO	400G-DR4 / CMIS4.0	3dB	Datasheet
SO-QSFP-DD-4C-FR4	400GE	2km	1271/1291/1311/1331nm	SM	2x LC	400G-FR4 / CMIS3.0	4dB	Datasheet
SO-QSFP-DD-4C-FR4-4	400GE	2km	1271/1291/1311/1331nm	SM	2x LC	400G-FR4 / CMIS4.0	4dB	Datasheet
SO-QSFP-DD-4C-LR4	400GE	10km	1271/1291/1311/1331nm	SM	2x LC	400G-LR4 / CMIS3.0	6.3dB	Datasheet
SO-QSFP-DD-4C-LR4-4	400GE	10km	1271/1291/1311/1331nm	SM	2x LC	400G-LR4 / CMIS4.0	6.3dB	Datasheet

Dist: Typical distance, normally based on dispersion properties.

Pwr budget: Difference between average min Tx power and Rx sensitivity. Dispersion/path penalties not taken into account.