



HUAWEI eKit

# Huawei eKitEngine

## Optical Module Datasheet

Make SME Network Easier and Smarter



## Introduction

Huawei eKit offers a comprehensive series of pluggable optical modules in the Huawei eKit portfolio. The wide variety of modules gives you flexible and plug-and-play options for all types of interfaces. These compact optical transceivers offer a convenient and cost-effective solution for short reach interconnections in the data center, campus, metropolitan-area access and ring network, storage network, and long-haul network.












## Product Appearance&Description












Models	Appearances	Description
eSFP-FE-LX-SM1310		Optical Transceiver,eSFP,100M/155M,Single-mode Module(1310nm,15km,LC)
SFP-1000BaseT-G2		Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
SFP-GE-LX-SM1310		Optical Transceiver,eSFP,GE,Single-mode Module(1310nm,10km,LC)
eSFP-GE-SX-MM850		Optical Transceiver,eSFP,GE,Multi-mode Module(850nm,0.55km,LC)
S-SFP-GE-LH80-SM1550		Optical Transceiver,eSFP,GE,Single-mode Module(1550nm,80km,LC)
S-SFP-GE-LH40-SM1550		Optical Transceiver,eSFP,GE,Single-mode Module(1550nm,40km,LC)
S-SFP-GE-LH40-SM1310		Optical Transceiver,eSFP,GE,Single-mode Module(1310nm,40km,LC)
SFP-GE-BX-U1-I		Optical Transceiver,SFP,GE,BIDI Single-mode Module(TX1310/RX1490,10km,LC)







SFP-GE-BX-D1-I		Optical Transceiver,SFP,GE,BIDI Single-mode Module(TX1490/RX1310,10km,LC)
SFP-GE-LX10-eKit		Optical Transceiver,eSFP,GE,Single-mode Module(1310nm,10km,LC)
SFP-GE-T-eKit		Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
SFP-GE-SX-eKit		Optical Transceiver,eSFP,GE,Multi-mode Module(850nm,0.55km,LC)
LE2MGSC40DE0		Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1310/RX1490,40km,LC)
SFP-1000BaseT		Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
SFP-GE-LX-SM1310		Optical Transceiver,eSFP,GE,Single-mode Module(1310nm,10km,LC)
LE2MGSC40ED0		Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1490/RX1310,40km,LC)
OGSM01880		Optical Transceiver,eSFP(industry),850nm,1.25Gb/s,-10dBm,-2.5dBm,-17dBm,LC,multi-mode,0.55km
OGSC10DD0		Optical Transceiver,eSFP(industry),1310nm,1.25Gb/s,-9.5~-3dBm,-20dBm,LC,single-mode,10km
SFP-2.5G-SR-I		2.5G-SR Optical Transceiver,SFP,2.5GE,Multi-mode Module(850nm,0.3km,LC)

SFP-2.5G-FR		2.5G-FR/1000BASE-LX10 Optical Transceiver,SFP,2.5GE/GE,Single-Mode Module(1310nm,2km/10km,LC)
eSFP-2.5G-iLR-BXD1		Optical transceiver,eSFP,2.5G/GE,BIDI Single-mode Module(TX1490nm/RX1310nm,2km,LC)
OMXD30000		Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)
OSX010000		Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)
OSX040N01		Optical Transceiver,SFP+,10G,Single-mode Module(1550nm,40km,LC)
SFP-10G-ZR		10GBase-ZR Optical Transceiver,SFP+,10G,Single-mode Module(1550nm,80km,LC)
SFP-10G-SR-eKit		Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)
SFP-10G-LR-eKit		Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)
SFP-10G-BXU1		10GBase,BIDI Optical Transceiver,SFP+,10G,Single-mode Module(TX1270nm/RX1330nm,10km,LC)
SFP-10G-BXD1		10GBase,BIDI Optical Transceiver,SFP+,10G,Single-mode Module(TX1330nm/RX1270nm,10km,LC)
SFP-10G-LR		Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)

SFP-10G-SR1		Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)
SFP-10G-LR-I		Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)
SFP-10GBaseT-SR		Electrical Transceiver,SFP,10GE,Electrical Interface Module(30m,RJ45)
SFP-25G-SR-eKit		25GBase-SR Optical Transceiver-SFP28-25G Multi-mode(850nm,0.1km,LC)
SFP-25G-LR-eKit		25GBase-LR Optical Transceiver-SFP28-25G Single-mode(1310nm,10km,LC)
SFP-25G-ESR		25GBase-ESR Optical Transceiver-SFP28-25G Multi-mode(850nm,0.2km&OM3,0.3km&OM4,LC)
SFP-25G-SR		25GBase-SR Optical Transceiver-SFP28-25G Multi-mode(850nm,0.1km,LC)
SFP-25G-SR-DM		25GBase-SR Optical Transceiver-SFP28-25G Multi-mode(850nm,0.1km,LC,DM)
SFP-25G-LR		25GBase-LR Optical Transceiver-SFP28-25G Single-mode(1310nm,10km,LC)
QSFP-40G-LR4		40GBASE-LR4 optical transceiver, QSFP+, 40G, single- mode module (1310nm, 10km, LC)
QSFP-40G-eSR4-eKit		40GBase-eSR4 Optical Transceiver,QSFP+,40G,Multi-mode (850nm,0.3km,MPO)(connecting to one QSFP+ or four SFP+)

QSFP-40G-LR4L-eKit		40GBase-LR4 Lite Optical Transceiver, QSFP+, 40G, Single-mode Module(1310nm, 2km, LC)
QSFP-40G-LR4-eKit		40GBASE-LR4 optical transceiver, QSFP+, 40G, single-mode module (1310nm, 10km, LC)
QSFP-40G-iSR4-eKit		40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.15km, MPO)(connecting to one QSFP+ or four SFP+)
QSFP-40G-LR4-Lite		40GBase-LR4 Lite Optical Transceiver, QSFP+, 40G, Single-mode Module(1310nm, 2km, LC)
QSFP-40G-eSR4		40GBase-eSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.3km, MPO)(connecting to one QSFP+ or four SFP+)
QSFP-40G-iSR4		40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.15km, MPO)(connecting to one QSFP+ or four SFP+)
QSFP-40G-LR4		40GBASE-LR4 optical transceiver, QSFP+, 40G, single-mode module (1310nm, 10km, LC)
QSFP-40G-iSR4		40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.15km, MPO)(connecting to one QSFP+ or four SFP+)
QSFP28-100G-SR4-DM		100GBase-SR4 Optical Transceiver, QSFP28, 100G, Multi-mode(850nm, 0.1km, MPO, DM)
QSFP28-100G-LR4-DM		100GBase-LR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 10km, LC, DM)
QSFP-100G-CWDM4-DM		100GBase-CWDM4 Optical Transceiver, QSFP28, 100G, Single-mode module(1310nm, 2km, LC, DM)

QSFP-100G-LR4-eKit		100GBase-LR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 10km, LC)
QSFP-100G-SR4-eKit		100GBase-SR4 Optical Transceiver, QSFP28, 100G, Multi-mode (850nm, 0.1km, MPO)
QSFP-100G-CWDM4-eKit		100GBase-CWDM4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 2km, LC)
QSFP-100G-ZR4		100G-ZR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 80km, LC)
QSFP-100G-ER4		100GBase-ER4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 40km, LC)
QSFP-100G-CWDM4		100GBase-CWDM4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 2km, LC)
QSFP-100G-FR1		100GBase-FR1 Transceiver, QSFP28, 100G, Single-mode Module(1310nm, 2km, LC)
QSFP-100G-LR1		100GBase-LR1 Optical Transceiver, QSFP28, 100G, Single-mode Module(1310nm, 10km, LC)
QSFP28-100G-DR		100GBase, DR, Optical Transceiver, QSFP28, 100G, Single-mode module (1311nm, 0.5km, LC)
QSFP-100G-BIDI-G2		100GBase-BIDI Optical Transceiver, QSFP28, 100GE, Multi-mode Module(850nm/910nm, 0.07km-OM3, 0.1km-OM4, LC)
QSFP28-100G-LR4		100GBase-LR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 10km, LC)

QSFP28-100G-SR4		100GBase-SR4 Optical Transceiver, QSFP28, 100G, Multi-mode (850nm, 0.1km, MPO)
QSFP-100G-ER4		100GBase-ER4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 40km, LC)
QSFP-100G-CWDM4-ISP		100GBase-CWDM4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 2km, LC, ISP)
QSFP-100G-SR4-ISP		100GBase-SR4 Optical Transceiver, QSFP28, 100G, Multi-mode (850nm, 0.1km, MPO, ISP)
QSFP-100G-LR4-ISP		100GBase-LR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 10km, LC, ISP)
QSFP28-100G-LR4		100GBase-LR4 Optical Transceiver, QSFP28, 100G, Single-mode module (1310nm, 10km, LC)



## More Information

For more information about Huawei eKit Optical Modules, visit

[https://support.huawei.com/hedex/hdx.do?docid=EDOC1100410330&id=EN-US\\_CONCEPT\\_0177092795](https://support.huawei.com/hedex/hdx.do?docid=EDOC1100410330&id=EN-US_CONCEPT_0177092795) or contact Huawei's local sales office. Alternatively, you can contact us through one of the following methods:


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