

## 10.16.20 QSFP-100G-CWDM4-eKit

**Table 10-143** QSFP-100G-CWDM4-eKit specifications

Item	Value
<b>Basic Information</b>	
Module name	QSFP-100G-CWDM4-eKit
Part Number	02315HPG
Model	QSFP-100G-CWDM4-eKit
Form factor	QSFP28
Application standard	100GBASE-CWDM4 (non-standard)
Connector type	LC
Optical fiber type	SMF
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Digital diagnostic monitoring (DDM)	Supported
Transmission rate [bit/s]	100 Gbit/s
Target transmission distance [km]	Single-mode fiber (G.652): 2 km
<b>Transmitter Optical Characteristics</b>	
Center wavelength [nm]	1271 nm,1291 nm,1311 nm,1331 nm
Maximum Tx optical power [dBm]	2.5 dBm
Minimum Tx optical power [dBm]	-6.5 dBm
Minimum extinction ratio [dB]	3.5 dB
<b>Receiver Optical Characteristics</b>	
Rx sensitivity [dBm]	-9.8 dBm
Overload power [dBm]	2.5 dBm

## 10.16.21 QSFP-100G-LR4-eKit

**Table 10-144** QSFP-100G-LR4-eKit specifications

Item	Value
<b>Basic Information</b>	
Module name	QSFP-100G-LR4-eKit

Item	Value
Part Number	02315HNW
Model	QSFP-100G-LR4-eKit
Form factor	QSFP28
Application standard	100GBASE-LR4
Connector type	LC
Optical fiber type	SMF
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Digital diagnostic monitoring (DDM)	Supported
Transmission rate [bit/s]	100 Gbit/s
Target transmission distance [km]	Single-mode fiber (G.652): 10 km
<b>Transmitter Optical Characteristics</b>	
Center wavelength [nm]	1295 nm,1300 nm,1304 nm,1309 nm
Maximum Tx optical power [dBm]	4.5 dBm
Minimum Tx optical power [dBm]	-4.3 dBm
Minimum extinction ratio [dB]	4 dB
<b>Receiver Optical Characteristics</b>	
Rx sensitivity [dBm]	-8.6 dBm
Overload power [dBm]	4.5 dBm

## 10.16.22 QSFP-100G-SR4-eKit

Table 10-145 QSFP-100G-SR4-eKit specifications

Item	Value
<b>Basic Information</b>	
Module name	QSFP-100G-SR4-eKit
Part Number	02315HNS
Model	QSFP-100G-SR4-eKit
Form factor	QSFP28
Application standard	100GBASE-SR4

Item	Value
Connector type	MPO/PC (8-strand or 12-strand, type B, female connector)
Optical fiber type	MMF
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Digital diagnostic monitoring (DDM)	Supported
Transmission rate [bit/s]	100 Gbit/s
Target transmission distance [km]	Multimode fiber (OM3): 70 m Multimode fiber (OM4): 100 m
<b>Transmitter Optical Characteristics</b>	
Center wavelength [nm]	850 nm
Maximum Tx optical power [dBm]	2.4 dBm
Minimum Tx optical power [dBm]	-8.4 dBm
Minimum extinction ratio [dB]	2 dB
<b>Receiver Optical Characteristics</b>	
Rx sensitivity [dBm]	-8.5 dBm
Overload power [dBm]	2.4 dBm
<b>NOTE</b> This optical module supports 1-to-4 splitting. After the splitting, it can be connected to the 25Gbase-SR optical module.	