

# Technical Note: EtherHaul™ SFP / SFP+

## Introduction

EtherHaul™ E-band ODUs support a variety of SFP/SFP+ depending on the intended application, line-rate and reach. This document lists the compatibility between ODUs, applications and SFP or SFP+.

The compatibility of the SFP / SFP+ to Siklu ODUs is listed in the table below, with a choice of Siklu provided and 3rd party vendors.

Part Number	Type	Rate	Range	Remarks	Compatibility		
					EH-1200 EH-2x00	EH- 5500	EH- 8010
<b>SIKLU SFP/SFP+</b>							
<b>AX-SFP+10G-MM</b>	MMF, 850 nm	10Gbps	300m	SFP+, IEEE 802.3ae, 10GBASE-SR		✓	✓
<b>AX-SFP+10G-SM</b>	SMF, 1310 nm	10Gbps	10km	SFP+, IEEE 802.3ae, 10GBASE-LR		✓	✓
<b>EH-SFP+10G-MM</b>	MMF, 850 nm	10Gbps	300m	SFP+, IEEE 802.3ae, 10GBASE-SR		✓	✓
<b>EH-SFP+10G-SM</b>	SMF, 1310 nm	10Gbps	10km	SFP+, IEEE 802.3ae, 10GBASE-LR		✓	✓
<b>EH-SFP-MM</b>	MMF, 850 nm	1Gbps	300m <sup>1</sup> , 500m <sup>2</sup>	SFP, IEEE 802.3 Ed.2002, 10GBASE-SX	✓		✓
<b>EH-SFP-SM</b>	SMF, 1310 nm	1Gbps	10km	SFP, IEEE 802.3 Ed.2002, 10GBASE- LX10	✓		✓

Common to all Siklu SFP:

Duplex LC fiber connectors,

Hot-swappable into the SFP/ SFP+ port of the ODU.

**Other vendors SFP/SFP+**
**AVAGO**

AFBR-5710ALZ or AFBR-5710APZ	MMF, 850m	1Gbps	550m	SFP	✓
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**Finisar**

FCLF8520P2BTL	Copper	1Gbps	100m	SFP/RJ45	✓
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FTLF1318P2BTL	SMF, 1310 nm	1Gbps	10Km	SFP	✓
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FTLF8524P3BNL	MMF, 850 nm	1Gbps	300m	SFP	✓
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FTLF1426P2BTL	SMF, 1310 nm	1Gbps	15Km	SFP	✓
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FTLX1471D3BTL	SMF, 1310 nm	10Gbps	10Km	SFP+	✓
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FTLX8573D3BTL	MMF, 850nm	10Gbps	400m	SFP+	✓
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FTLX1475D3BTL	SMF, 1310 nm	10Gbps	10Km	SFP+	✓
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**CHAMPION ONE™ (C1)**

1G EX SFP 40KM SM	SMF, 1310 nm	1Gbps	40Km	SFP	✓	✓
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1G ZX SFP 80km SM	SMF, 1550 nm	1Gbps	80Km	SFP	✓	✓
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MR ZX SFP DWDMCH50 80km SM	SMF	1Gbps	80Km	SFP	✓	✓
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1G ZX SFP CWDM 1590 80km SM	SMF, 1590	1Gbps	80Km	SFP	✓	✓
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1G LX SFP 10KM SM	SMF, 1310	1Gbps	10Km	SFP	✓	✓
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10G ZR SFP+ 80km SM	SMF, 1550 nm	10Gbps	80Km	SFP+	✓	✓
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10G ZR SFP+ CWDM 1590 70km	SMF, 1590 nm	10Gbps	70Km	SFP+	✓	✓
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10G ZR SFP+ DWDM CH50 80km	SMF	10Gbps	80Km	SFP+	✓	✓
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SFP+ Dual fiber 10km 10GSFP+E-LR-H 1310	SMF, 1310 nm	10Gbps	10Km	SFP+	✓	✓
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10G ZR SFP+ DWDM Tunable 80km SM	SMF	10Gbps	80Km	SFP+	✓	✓
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10G SFP+E-ER2-H 40km SM	SMF, 1550 nm	10Gbps	40Km	SFP+	✓	✓
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E2, Feb 2021