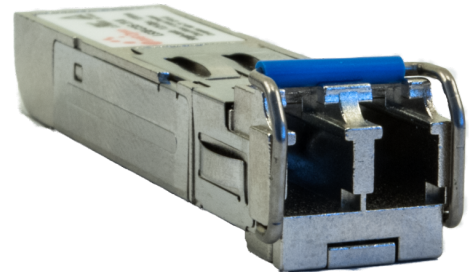


# AC-SFP

Small Form-factor Pluggable (SFP)

- SFP for 100/1'000/10'000 MBit/s
- Versatile use
- Interchangeable



This overview contains a compilation of Small Form-factor Pluggables (SFP), which serve as small standardized modules for network connections. The devices are designed as connectors for extremely fast network connections and can be used in various switches. Depending on line type, wavelength, data rate or range, the SFPs are available in different versions. SFPs for copper cables with RJ45 connectors are also listed at the end of the following table.

## Technical data

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### General properties

operating temperature	AC-SFP: -40°C ... +85°C AC-SFP+: 0°C ... +70°C
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### interfaces

copper ports	RJ45
optical fibre ports	LC-Duplex / LC Multimode 50/125um (MM) Multimode 62,5/125um (MM) Singlemode 9/125um (SM)

## Product variants

	:	<b>AC-SFP-FXMME</b>	100MBit/s 2 x MM, max. 2km, 1310nm
	:	<b>AC-SFP-FXSME</b>	100MBit/s 2 x SM, max. 30km, 1310nm
	:	<b>AC-SFP-BIA-FXME</b>	100MBit/s 1 x MM, max. 2km, TX: 1310nm, Rx: 1550nm
	:	<b>AC-SFP-BIB-FXME</b>	100MBit/s 1 x MM, max. 2km, TX: 1550nm, Rx: 1310nm
	:	<b>AC-SFP-BIA-FXSE</b>	100MBit/s 1 x SM, max. 20km, TX: 1310nm, Rx: 1550nm
	:	<b>AC-SFP-BIB-FXSE</b>	100MBit/s 1 x SM, max. 20km, TX: 1550nm, Rx: 1310nm
	:	<b>AC-SFP-SX-E</b>	1GBit/s 2 x MM OM2, max 550m, 850nm
	:	<b>AC-SFP-SXOM3-E</b>	1 GBit/s 2 x MM OM3, max. 2km, 1310nm



**AC-SFP-LX-E-10**

1 GBit/s  
2 x SM, max. 10km, 1310nm



**AC-SFP-LX-E-20**

1 GBit/s  
2 x SM, max. 20km, 1310nm



**AC-SFP-LX-E-40**

1 GBit/s  
2 x SM, max. 40km, 1310nm



**AC-SFP-LX-E-70**

1 GBit/s  
2 x SM, max. 70km, 1310nm



**AC-SFP-BIA-SXE**

1 GBit/s  
1 x MM, max. 550m, TX: 1310nm, RX: 1550nm



**AC-SFP-BIB-SXE**

1 GBit/s  
1 x MM, max. 550m, TX: 1550nm, RX: 1310nm



**AC-SFP-BIA-LXE**

1 GBit/s  
1 x SM, max. 20km, TX: 1310nm, RX: 1550nm



**AC-SFP-BIB-LXE**

1 GBit/s  
1 x SM, max. 20km, TX: 1550nm, RX: 1310nm

	:	<b>AC-SFP+-MM-0,082</b>	10 GBit/s 2 x MM, OM2 fibre: max. 82m, 850nm 2 x MM, OM3 fibre: max. 300m, 850nm 2 x MM, OM4 fibre: max. 400m, 850nm
	:	<b>AC-SFP+-SM-10</b>	10 GBit/s 2 x SM, max. 10km, 1310nm
	:	<b>AC-SFP+-SM-40</b>	10 GBit/s 2 x SM, max. 40km, 1310nm
	:	<b>AC-SFP+-VKMM-1M</b>	Active connecting cable 2 x SFP+ 10G, multimode fibers Length 1m
	:	<b>AC-SFP+-VKMM-5M</b>	Active connecting cable 2 x SFP+ 10G, multimode fibers Length 5m
	:	<b>AC-SFP+-VKMM-10M</b>	Active connecting cable 2 x SFP+ 10G, multimode fibers Length 10m
	:	<b>AC-SFP-TX-T1A</b>	100 MBit/s 1 x Cat5/6/7, RJ45, max. 100m
	:	<b>AC-SFP-TX-T2A</b>	1 GBit/s 1 x Cat5/6/7, RJ45, max. 100m



**AC-SFP+-T**

10 GBit/s  
1 x Cat7, RJ45, max. 100m

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*Version 06.05.2019, Changes without notice*