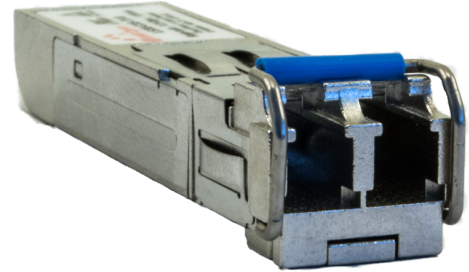


# AC-SFP

## 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

### General properties

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| operating temperature | AC-SFP: -40°C ... +85°C<br>AC-SFP+: 0°C ... +70°C |
|-----------------------|---------------------------------------------------|

### interfaces

|                     |                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| copper ports        | RJ45                                                                                                                                                                                                                                  |
| optical fibre ports | LC-Duplex / LC<br>The fibre optic connectors of all our SFPs are, unless otherwise stated, straight, i.e. polished as PC (physical contact), LC/PC<br>Multimode 50/125um (MM)<br>Multimode 62,5/125um (MM)<br>Singlemode 9/125um (SM) |

## Product variants



**AC-SFP-FXMME**

100MBit/s  
2 x MM, max. 2km, 1310nm

|                                                                                     |                        |                                                        |
|-------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------|
|    | <b>AC-SFP-FXSME</b>    | 100MBit/s<br>2 x SM, max. 30km, 1310nm                 |
|    | <b>AC-SFP-BIA-FXME</b> | 100MBit/s<br>1 x MM, max. 2km, TX: 1310nm, Rx: 1550nm  |
|    | <b>AC-SFP-BIB-FXME</b> | 100MBit/s<br>1 x MM, max. 2km, TX: 1550nm, Rx: 1310nm  |
|    | <b>AC-SFP-BIA-FXSE</b> | 100MBit/s<br>1 x SM, max. 20km, TX: 1310nm, Rx: 1550nm |
|   | <b>AC-SFP-BIB-FXSE</b> | 100MBit/s<br>1 x SM, max. 20km, TX: 1550nm, Rx: 1310nm |
|  | <b>AC-SFP-SX-E</b>     | 1GBit/s<br>2 x MM OM2, max 550m, 850nm                 |
|  | <b>AC-SFP-SXOM3-E</b>  | 1 GBit/s<br>2 x MM OM3, max. 2km, 1310nm               |
|  | <b>AC-SFP-LX-E-10</b>  | 1 GBit/s<br>2 x SM, max. 10km, 1310nm                  |
|  | <b>AC-SFP-LX-E-20</b>  | 1 GBit/s<br>2 x SM, max. 20km, 1310nm                  |
|  | <b>AC-SFP-LX-E-40</b>  | 1 GBit/s<br>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


**AC-SFP+-MM-0,082**

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


**AC-SFP+-SM-10**

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


**AC-SFP+-SM-40**

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


**AC-SFP+-VKMM-1M**

Active connecting cable  
2 x SFP+ 10G, multimode fibers  
Length 1m


**AC-SFP+-VKMM-5M**

Active connecting cable  
2 x SFP+ 10G, multimode fibers  
Length 5m


**AC-SFP+-VKMM-10M**

Active connecting cable  
2 x SFP+ 10G, multimode fibers  
Length 10m


**AC-SFP-TX-T1A**

100 MBit/s  
1 x Cat5/6/7, RJ45, max. 100m


**AC-SFP-TX-T2A**

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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