

10G XFP Cable Series

Product Overview

Swedish Telecom's XFP Cables were developed to provide 10Gb/s serial links for a wide range of applications including standards such as OC192/STM-64, G.709, 10 Gigabit Ethernet, 10G Fibre Channel, and other industry standards. It is ideally suited for 10 GbE datacom (belly-to-belly for high density applications) and storage area network (SAN/NAS) applications based on the IEEE 802.3ae and Fibre Channel standards.

Swedish Telecom's XFP Cables is a low cost XFP solution. XFP directly attached twinax cable assemblies are suitable for very short distances and offer a highly cost-effective way to connect within racks and across adjacent racks. Transmitter and receiver are separate within a wide temperature range and offers optimum heat dissipation and excellent electromagnetic shielding thus enabling high port densities. It is compliant to XFP MSA.

If you need customized services, please contact Info@swedishtelecom.com for more details.

XFP Passive DAC Cable

Features

- XFP Infiniband Cable Assembly - 10GbE Passive, 1 Meter/ 2 Meters
- AWG30
- Compliant to XFP MSA
- Compliance to Fiber Channel 1200-M5-SN-I, 1200-M5E-SN-I, 1200-M6-SN-I at 10.51875Gbit/s
- Low power consumption
- Wide operating temperature range:
Standard: 0C to +70C
Industrial: -40C to +85C
- Hot pluggable
- Lead free
- AC coupling of PECL signals
- Excellent EMI performance
- High reliability
- RoHS Compliant

Applications

- Data networking
- Telecommunications switches (SONET)
- Enterprise storage area network(SAN/NAS)
- Network switches and routers
- 10 GbE datacom (belly-to-belly for high density applications)



Figure 1. Product Example

XFP Active DAC Cable

Features

- XFP to XFP Connector
- Copper Active
- 0.5 Meter
- AWG30
- Compliant to XFP MSA
- Compliance to Fiber Channel
1200-M5-SN-I, 1200-M5E-SN-I,
1200-M6-SN-I at 10.51875Gbit/s
- Low power consumption
- Wide operating temperature range:
Standard: 0C to +70C
Industrial: -40C to +85C
- Hot pluggable
- Lead free
- AC coupling of PECL signals
- Excellent EMI performance
- High reliability
- RoHS Compliant

Applications

- Data networking
- Telecommunications switches (SONET)
- Enterprise storage area network(SAN/NAS)
- Network switches and routers
- 15 GbE datacom (belly-to-belly for high density applications)



Figure 2. Product Example



XFP to SFP+ cable assembly, Active

Features

- XFP to XFP Connector
- Copper Active
- 0.5 Meter
- AWG30
- Compliant to XFP MSA
- Compliance to Fiber Channel
1200-M5-SN-I, 1200-M5E-SN-I,
1200-M6-SN-I at 10.51875Gbit/s
- Low power consumption
- Wide operating temperature range:
Standard: 0C to +70C
Industrial: -40C to +85C
- Hot pluggable
- Lead free
- AC coupling of PECL signals
- Excellent EMI performance
- High reliability
- RoHS Compliant

Applications

- Data networking
- Telecommunications switches (SONET)
- Enterprise storage area network(SAN/NAS)
- Network switches and routers
- 15 GbE datacom (belly-to-belly for high density applications)



Figure 3. Product Example



XFP to SFP+ cable assembly, Passive

Features

- XFP Infiniband Cable Assembly - 10GbE Passive, 1 Meter
- AWG 24/ 30
- Compliant to XFP MSA
- Compliance to Fiber Channel 1200-M5-SN-I, 1200-M5E-SN-I, 1200-M6-SN-I at 10.51875Gbit/s
- Low power consumption
- Wide operating temperature range:
Standard: 0C to +70C
Industrial: -40C to +85C
- Hot pluggable
- Lead free
- AC coupling of PECL signals
- Excellent EMI performance
- High reliability
- RoHS Compliant

Applications

- Data networking
- Telecommunications switches (SONET)
- Enterprise storage area network(SAN/NAS)
- Network switches and routers
- 10 GbE datacom (belly-to-belly for high density applications)



Figure 4. Product Example



XFP to XFP cable assembly, 0.5 Meter Active

Part Number	Product Description	AWG
CAB-XFP-A50CM	XFP to XFP cable assembly, 0.5 Meter Active	30
CAB-XFP-A1M	XFP to XFP cable assembly, 1 Meter Active	30
CAB-XFP-A2M	XFP to XFP cable assembly, 2 Meter Active	30
CAB-XFP-A3M	XFP to XFP cable assembly, 3 Meter Active	30
CAB-XFP-A4M	XFP to XFP cable assembly, 4 Meter Active	30
CAB-XFP-A5M	XFP to XFP cable assembly, 5 Meter Active	30
CAB-XFP-A6M	XFP to XFP cable assembly, 6 Meter Active	24
CAB-XFP-A7M	XFP to XFP cable assembly, 7 Meter Active	24
CAB-XFP-A8M	XFP to XFP cable assembly, 8 Meter Active	24
CAB-XFP-A9M	XFP to XFP cable assembly, 9 Meter Active	24
CAB-XFP-A10M	XFP to XFP cable assembly, 10 Meter Active	24

XFP to SFP+ Cable, Passive

Part Number	Product Description	AWG
CAB-XFP/SFP-P1M	XFP to SFP+ Cable Assembly, 1 Meter Passive	24
CAB-XFP/SFP-P2M	XFP to SFP+ Cable Assembly, 2 Meters Passive	24
CAB-XFP/SFP-P3M	XFP to SFP+ Cable Assembly, 3 Meters Passive	24

XFP to SFP+ Cable, Active

Part Number	Product Description	AWG
CAB-XFP/SFP-A1M	XFP to SFP+ Cable Assembly, 1 Meters Active	30
CAB-XFP/SFP-A3M	XFP to SFP+ Cable Assembly, 3 Meters Active	30
CAB-XFP/SFP-A4M	XFP to SFP+ Cable Assembly, 4 Meters Active	30
CAB-XFP/SFP-A5M	XFP to SFP+ Cable Assembly, 5 Meters Active	30
CAB-XFP/SFP-A6M	XFP to SFP+ Cable Assembly, 6 Meters Active	24
CAB-XFP/SFP-A7M	XFP to SFP+ Cable Assembly, 7 Meters Active	24