

Amphenol Broadband Solutions manufactures a complete line of Small Form Factor Pluggable (SFP) and 10Gig Small Form Factor Pluggable (XFP) to meet the varying needs of telecommunications and data networks. Hot-pluggable, these devices function as a transmitter and receiver (transceiver), allowing network operators to install the optics (or copper interface) that is most appropriate to a specific application.

ABS Copper SFP Transceivers are high performance, cost effective modules compliant with the Gigabit Ethernet and 1000 BASE-T standards as specified by the IEEE and support 1000 Mbps up to 100 meters reach over unshielded twisted-pair category 5 cable.

ABS Transceivers are built as specified by the industry standard Multi-Source Agreement. Our devices are designed to work directly with the equipment of a variety of telecom and data OEMs, providing a cost effective and flexible solution to the dynamic needs of a service provider's network.

Many of Amphenol Broadband Solutions SFPs and XFPs are available with Digital Diagnostic Monitoring (DDM). This feature provides the network operator the ability to monitor real-time parameters of the device, such as optical output/input power, temperature, laser bias current, transceiver supply voltage and other vital information.

Designed to provide maximum flexibility to networks, ABS devices support a wide variety of network protocols, wavelengths, distances and speeds. Some of the more common applications include:



SFP & XFP TRANSCEIVERS

| Supported Protocols | Wavelengths/Distances      |
|---------------------|----------------------------|
| • SONET / SDH       | • 850 nm - 550m MMF (SX)   |
| • DWDM              | • 1310 nm - 10 km SMF (LX) |
| • Fiber Channel     | • 1550 nm - 40 km (XD)     |
| • Gigabit Ethernet  | • 80 km (ZX)               |
| • 10Gb/s Ethernet   | • 120 km (EX or EZX)       |
| • CWDM              | • Copper Cable             |
| • Others            | • Others                   |

| Specifications |                              |
|----------------|------------------------------|
| SFP:           | Height: 0.33 inches (8.5 mm) |
|                | Width: 0.53 inches (13.4 mm) |
|                | Depth: 2.22 inches (56.5 mm) |
| XFP:           | Height: 0.33 inches (8.5 mm) |
|                | Width: 0.72 inches (18.3 mm) |
|                | Depth: 3.1 inches (78 mm)    |

**Warranty:**

Amphenol Broadband Solutions SFPs and XFPs carry a one year warranty from date of purchase.