

# IBM 78P1518 Datasheet



## IBM 78P1518 FCLF8522P2BTL-IB 1000Base-T 1G RJ45 SFP Optical Transceiver

### 78P1518

The IBM 78P1518 10/100/1000 BASE-T transceiver is a Duplex SFP transceiver for optical communications, rated for distances up to 100m and a maximum bandwidth of 1.25Gbps. Finisar's FCLF8520P2BTL, FCLF8521P2BTL and FCLF8522P2BTL 1000BASE-T Copper Small Form Pluggable (SFP) transceivers are based on the SFP Multi Source Agreement (MSA). They are compatible with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE Std 802.3. They are RoHS compliant and lead-free per Directive 2002/95/EC and Finisar Application Note AN-2038. The 1000BASE-T physical layer IC (PHY) can be accessed via I2C, allowing access to all PHY settings and features.

### Features

- Up-to 100m over Copper @ 1.25Gbps
- Copper Duplex SFP Transceiver
- -40°C - 85°C Operating Case Temperature
- SFF-8724 Digital optical monitoring
- Hot-swappable for SFP RJ-45 ports
- Finisar Standard 1 Year Warranty
- Metal enclosure, for lower EMI
- SFP MSA / IEEE Std 802.3
- IBM 78P1518 is RoHS compliant

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