

**FINISAR**

SFP



SFP+



CFP



SFF



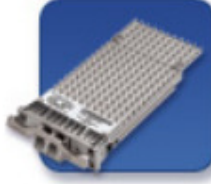
GBIC



PON



XFP



XPAK



X2



XENPAK

Geniş ürün yelpazesi ve yenilikçi teknolojisi sayesinde FINISAR, dünya çapında birçok lider network ekipmanı üreticisinin tercihi haline gelmiştir. Finisar ürünleri Ethernet, Fibre Channel, SONET/SDH/OTN ve PON standartlarına uygundur, ve 100 Gb/s hızlara kadar çıkabilir. Geniş sıcaklık aralıklarında yüksek performans sergilerken, jitter ve electromagnetic interference (EMI) etkilerini minimize ederler. Güç tüketim değerleri ise çok düşüktür.

Finisar'ın XFP, XPAK, X2, XENPAK, 300 PIN, SFP, SFP+, ve 2x7 ve 2x10 SFF transceiver ürünleri data link üzerindeki performans bilgisini real-time olarak izlemenize olanak sağlar. Ağıdaki tüm transceiver'ların optik alış ve veriş gücü, laser bias akım değeri, transceiver giriş voltajı ve transceiver sıcaklık değerleri takip edilebilir.

Aşağıda ürün kodları ile birlikte listelenen tüm FINISAR optik modülleri Telkolink'ten temin edebilirsiniz.

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## SFP Modules



- [FWLF15197Dxx](#) - 1.25Gb/s CWDM RoHS Compliant Pluggable SFP
- [FWLF15217Dxx](#) - Multi-rate CWDM RoHS Compliant Pluggable SFP
- [FWLF1524P2Vxx](#) - 4 Gigabit RoHS Compliant CWDM SFP
- [FWLF1631xx](#) - 2.67 Gigabit RoHS Compliant DWDM SFP
- [FWLF1634RLxx](#) - 4 Gigabit RoHS Compliant DWDM SFP
- [FTLF2318P1BCL](#) - 1.25 Gbps Smart SFP 1310nm Transceiver
- [FTLF2318P1BNL](#) - 1.25 Gbps Smart SFP 1310nm Transceiver
- [FWLF2519C1Cxx](#) - 125M-1.25Gbps Multi-Rate Smart SFP CWDM Transceiver
- [FCLF-8520-3 / FCLF-8521-3](#) - RoHS 6 Compliant 1000BASE-T RoHS 0 to 85C Copper SFP Transceiver
- [FCLF852xP2BTL](#) - RoHS 6 Compliant 1000BASE-T -40/85C Copper SFP Transceiver
- [FTLF1217P2xTL](#) - RoHS 6 Compliant FE 1310nm LED SFP Transceiver
- [FTLF1318P2xCL](#) - 1.25 Gb/s RoHS Compliant Long-Wavelength
- [FTLF1318P3BTL](#) - Industrial Temperature 1.25 Gb/s RoHS Compliant Long-Wavelength Pluggable SFP
- [FTLF1321P1xTL](#) - OC-48 SR/STM I-16 RoHS Compliant Multirate SFP
- [FTLF1322P1xTR](#) - OC-12 IR-1/STM S-4.1 RoHS Compliant SFP
- [FTLF1323P1xTL](#) - OC-3 LR-1/STM L-1.1 RoHS Compliant SFP
- [FTLF1323P1xTR](#) - OC-3 IR-1/STM S-1.1 RoHS Compliant SFP
- [FTLF1324P2xTL](#) - 4 Gigabit RoHS Compliant Long-Wavelength SFP Transceiver
- [FTLF1419P1xCL](#) - 2 Gigabit 40km RoHS Compliant Long-Wavelength SFP
- [FTLF1421P1xCL](#) - OC-48 IR-1/STM S-16.1 RoHS Compliant Multirate SFP
- [FTLF1422P1xTL](#) - OC-12 LR-1/STM L-4.1 RoHS Compliant SFP
- [FTLF1424P2xCL](#) - 4 Gigabit RoHS Compliant Long-Wavelength SFP
- [FTLF1518P1BTL](#) - 1.25Gb/s RoHS Compliant Long-Wavelength
- [FTLF1519P1xNL](#) - 2 Gigabit 80km RoHS Compliant Extended Temperature Long-Wavelength SFP
- [FTLF1521P1xCL](#) - OC-48 IR-2/STM S-16.2 RoHS Compliant Multirate SFP
- [FTLF1522P1xTL](#) - OC-12 LR-1/STM L-4.2 RoHS Compliant SFP
- [FTLF1523P1xTL](#) - OC-3 LR-2/STM L-1.2 RoHS Compliant SFP
- [FTLF1619P1xCL](#) - 2 Gigabit 110km RoHS Compliant Long-Wavelength
- [FTLF1621P1xCL](#) - OC-48 LR-2/STM L-16.2 RoHS Compliant Pluggable SFP Transceiver
- [FTLF1721P2xTL](#) - OC-48 LR-1/STM L-16.1 RoHS Compliant Pluggable SFP
- [FTLF8519P2xCL](#) - RoHS 6 Compliant 2Gb/s 850nm FC 0 to 70C SFP Transceiver
- [FTLF8519P2xNL](#) - RoHS 6 Compliant 2Gb/s 850nm FC -20 to 85C SFP Transceiver
- [FTLF8519P2xTL](#) - RoHS 6 Compliant 2Gb/s 850nm FC -40 to 85C SFP Transceiver
- [FTLF8524P2xNL](#) - RoHS 6 Compliant 4Gb/s 850nm FC -20 to 85C SFP Transceiver
- [FTLF8524P2xNV](#) - RoHS 6 Compliant 4Gb/s 850nm FC -20 to 85C, Rate Select SFP
- [FWDM-1619-7D-xx](#) - 1 Gigabit CWDM SFP with APD Receiver
- [FWLF1621P2Txx](#) - Multi-rate CWDM RoHS Compliant Pluggable SFP

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### SFP+ Modules



- [FTLF1328P2BNV](#) - 8 Gigabit RoHS Compliant Long-Wavelength SFP+ Transceiver
- [FTLF1428P2BNV](#) - 8 Gigabit RoHS Compliant Long-Wavelength SFP+ Transceiver
- [FTLF8528P2BCV](#) - RoHS 6 Compliant 8.5 Gb/s 850nm FC 0 to 70C SFP+ Transceiver
- [FTLF8528P2BNV](#) - RoHS 6 Compliant 8.5 Gb/s 850nm FC -5 to 85C SFP+ Transceiver
- [FTLX1371D3BCL](#) - RoHS-6 Compliant 10Gb/s 220m Multi Mode Datacom SFP+ Transceiver
- [FTLX1471D3BCL](#) - RoHS-6 Compliant 10Gb/s 10km Single Mode Datacom SFP+ Transceiver
- [FTLX1471D3BCV](#) - RoHS-6 Compliant 1G/10G 10km Datacom SFP+ Transceiver
- [FTLX1471D3BNL](#) - RoHS-6 Compliant 10Gb/s Extended Temperature 10km Single Mode Datacom SFP+
- [FTLX1471D3BTL](#) - 10Gb/s Industrial Temperature 10km Single Mode Datacom SFP+ Transceiver
- [FTLX1671D3BCL](#) - RoHS-6 Compliant 10Gb/s 40km Datacom SFP+ Transceiver
- [FTLX8571D3BCL](#) - 10Gb/s 850nm Multimode Datacom SFP+ Transceiver
- [FTLX8571D3BCV](#) - RoHS-6 Compliant 1G/10G 850nm Multimode Datacom SFP+ Transceiver
- [FTLX8571D3BNL](#) - RoHS-6 Compliant Extended Temperature 10Gb/s 850nm SFP+ Datacom Transceiver

### CFP Modules



- [FTLC1181RDNx](#) - 100G Ethernet 10km CFP Optical Transceiver Module
- [FTLQ7181EALx](#) - 40G Ethernet 10km CFP Optical Transceiver Module
- [FTLQ7181MALx](#) - 40G Multi-rate 10km CFP Optical Transceiver Module
- [FTLQ8181EBLM](#) - 40G Ethernet 100m CFP Optical Transceiver Module

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## SFF Modules



- [FTLF1319F1xTL](#) - 2 Gigabit RoHS Compliant Long-Wavelength 2x5 Pin SFF
- [FTLF1321S1xTL](#) - OC-48 SR-1/STM S-16 RoHS Multirate 2x10 Pin SFF
- [FTLF1322F2xTR](#) - OC-12 SR-1/STM I-4 or OC-12 IR-1/STM S-4.1 2x5 SFF Transceiver
- [FTLF1323F2xTR](#) - OC-3 SR-1/STM I-1 or OC-3 IR-1/STM S-1.1 2x5 SFF Transceiver
- [FTLF1421S1xCL](#) - OC-48 IR-1/STM S-16.1 RoHS Multirate 2x10 Pin SFF
- [FTLF1621S1xCL](#) - OC-48 LR-2/STM L-16.2 RoHS Multirate 2x10 Pin SFF
- [FTLF1721S1xCL](#) - OC-48 LR-1/STM L-16.1 RoHS Multirate 2x10 Pin SFF
- [FTLF8519F2xCL](#) - RoHS Compliant 2Gb/s 850nm 0 to 70C 2x5 Pin SFF
- [FTLF8519F2xNL](#) - RoHS Compliant 2Gb/s 850nm-10 to 85C 2x5 Pin SFF
- [FTLF8519F2xTL](#) - RoHS Compliant 2Gb/s 850nm-40 to 85C 2x5 Pin SFF
- [FTLF8524E2xNL](#) - 4 Gigabit RoHS Compliant Short-Wavelength 2x7 Pin SFF
- [FTLF8524E2xNV](#) - 4 Gigabit RoHS Compliant Short-Wavelength 2x7 Pin SFF

## GBIC Modules



- [FTL-1319-3D](#) - 1 Gigabit 10km RoHS Compliant Long-Wavelength GBIC
- [FTL-1319-3D-2.5](#) - 2 Gigabit 10km RoHS Compliant Long-Wavelength GBIC
- [FTL-1419-3D](#) - 1 Gigabit 40km RoHS Compliant Long-Wavelength GBIC
- [FTL-1519-3D](#) - 1 Gigabit 80km RoHS Compliant Long-Wavelength GBIC
- [FTL-1619-xx](#) - 1 Gigabit RoHS Compliant CWDM GBIC with APD Receiver
- [FTL-1621-xx](#) - 2.67 Gigabit RoHS Compliant Multi-Rate CWDM GBIC with APD Receiver
- [FTL-8519-3D](#) - RoHS Compliant GE 850nm GBIC Transceiver
- [FTL-8519-3D-2.5](#) - RoHS Compliant 2Gb/s 850nm GBIC Transceiver

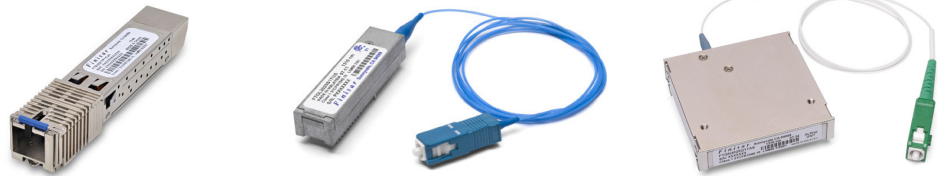
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## PON Modules



- [FTEN2115P1NUN](#) - SFP transceiver with a built-in EPON ONU with CTC OAM support
- [FTEN2116P1NUN](#) - SFP transceiver with a built-in EPON ONU with CTC OAM support
- [FTEN2117P1NUN](#) - SFP transceiver with a built-in EPON ONU with CTC OAM support
- [FTGL202xPxxUN \(OLT SFP\)](#) - SFP transceiver with a built-in EPON ONU with DPoE support
- [FTGN3025Q1TAS \(ONU 1x20\)](#) - GPON ONU Class B+ Pigtailed RoHS Compliant Transceiver
- [FTxL2025S1xUS \(OLT SFF\)](#) - GPON OLT Class B+ Pigtailed RoHS Compliant Transceiver

## XFP Modules



- [FTLX1412D3BCL](#) - 10Gb/s Datacom 10km XFP Transceiver
- [FTLX1412D3BTL](#) - 10Gb/s Datacom Industrial-Temp. 10km XFP Transceiver
- [FTLX1412M3BCL](#) - 10Gb/s Multi-protocol 10km XFP Transceiver
- [FTLX1412M3BNL](#) - 10Gb/s Multi-protocol Extended-Temp. 10km XFP Transceiver
- [FTLX1412M3BTL](#) - 10Gb/s Multi-protocol Industrial-Temp. 10km XFP Transceiver
- [FTLX1612M3BCL](#) - 10Gb/s Multi-protocol 40km XFP Transceiver
- [FTLX1612M3BTL](#) - 10Gb/s Multi-protocol Industrial-Temp. 40km XFP Transceiver
- [FTLX1811M3](#) - 10Gb/s Multi-protocol 80km XFP Transceiver
- [FTLX3611M3xx](#) - 10Gb/s Multi-protocol 40km DWDM XFP Transceiver
- [FTLX3612M3xx](#) - Finisar 10G Ethernet ER SONET IR2 DWDM XFP Transceiver
- [FTLX3811F3xx](#) - 8Gb/s Multi-protocol 80km DWDM XFP Transceiver
- [FTLX3811M3xx](#) - 10Gb/s Multi-protocol 80km DWDM XFP Transceiver
- [FTLX3812M3xx](#) - 10Gb/s Multi-protocol 80km DWDM XFP Transceiver for amplified links
- [FTLX4213M3BCL](#) - Multi-protocol RoHS Compliant 120km 10 Gb/s 1550nm XFP
- [FTLX4213x3xxxx](#) - +3200 ps/nm (~200km) DWDM XFP Optical Transceiver
- [FTLX4213xxxxxx](#) - 10Gb/s Multi-protocol >120km DWDM XFP Transceiver
- [FTLX8511D3](#) - Datacom RoHS Compliant 10 Gb/s 300m XFP
- [FTLX8511D3](#) - Datacom RoHS Compliant 10 Gb/s 300m XFP
- [FTLX8511D3BTL](#) - Datacom RoHS Compliant I-Temp 10 Gb/s 300m XFP

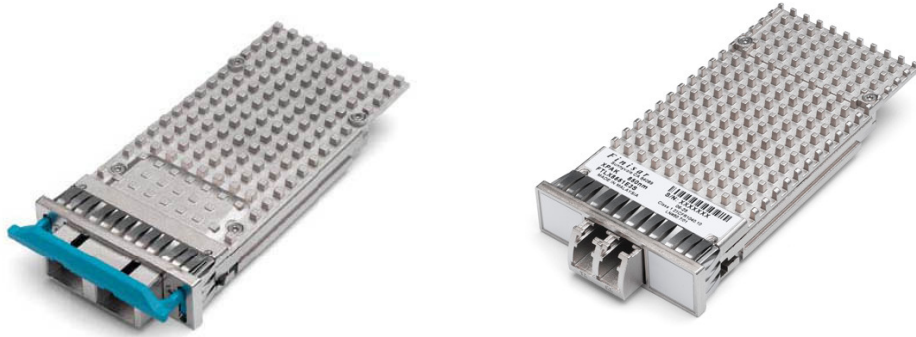
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## XPAK Modules



- [FTLX1451E2](#) - RoHS-6 Compliant 1310nm XPAK Transponder
- [FTLX1451F2](#) - RoHS-6 Compliant 1310nm XPAK Transponder
- [FTLX8551E3](#) - RoHS-6 Compliant 850nm XPAK Transponder
- [FTLX8551F3](#) - RoHS-6 Compliant 850nm XPAK Transponder

## X2 Modules



- [FTLX1341E2](#) - RoHS-6 Compliant 10 Gb/s 1310nm 10GBASE-LRM X2 Transponder
- [FTLX1442E2](#) - RoHS-6 Compliant 10 Gb/s 1310nm Single Mode 10GBASE-LR X2 Transponder
- [FTLX8541E2](#) - RoHS-6 Compliant 10 Gb/s 850nm Multimode 10GBASE-SR X2 Transponder
- [FTLX8541F2](#) - RoHS-6 Compliant 10 Gb/s 850nm Multimode 10GFC X2 Transponder

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