



allmon

Catálogo de Transceivers.



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A Allmon é especialista em **soluções para operadores de telecom e provedores de rede**, com especial enfoque em implantação e operação. A Allmon oferece um **amplo portfolio de produtos** que vão desde equipamentos terminais de acesso, switches de agregação de alto desempenho, sistemas DWDM, equipamentos de teste e medição e máquinas para fusão de fibras ópticas.

Este catálogo sumariza a **linha de transceivers ópticos e CAT5 Allmon**. Todas os modelos listados passam por testes de desempenho e de interoperabilidade com os principais fabricantes de switches e roteadores. A Allmon oferece **suporte técnico pós-venda** para toda a linha de transceivers.

Entre em contato conosco para obter maiores informações sobre os produtos e aplicações.

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Nossos Diferenciais

Qualidade e Confiabilidade

Nossos módulos ópticos são testados para garantir máxima compatibilidade e desempenho.



Alto Custo-Benefício

Soluções com excelente relação entre qualidade e preço para otimizar seus investimentos.



Parcerias Estratégicas

Trabalhamos com fabricantes líderes, garantindo inovação e suporte especializado.



Atendimento Personalizado

Suporte técnico e consultoria para ajudar você a encontrar a melhor solução.



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Telecomunicações e TI

Com a Allmon, sua rede opera com mais eficiência, segurança e estabilidade.

100G QSFP28 Transceiver

Allmon 100G QSFP28 series includes SR4, CWDM4, LR4, ER4, ER4 Lite, ZR4, ZR4+, Single Lambda DR1/FR1/LR1 and SWDM4, using LC or MPO receptacle, with the features of QSFP28 MSA Compliant, IEEE802.3bm Compliant, low power consumption and high reliability, suitable for 100G data center network and OTN network.

Standards and Regulatory Compliance

- RoHS Compliant
- Compliant to IEEE 802.3ba, IEEE 802.3bm
- Compliant to SFF-8436
- Compliant to QSFP 28 MSA (multi-source agreement)

Applications

- 100G Ethernet
- Data center
- Infiniband QDR
- Fiber Channel

Case operating temperature range

- Standard: 0°-70°C



QSFP28 100Gbps			
Part Number	λ (nm)	Cable Type	Reach
QSFP28-SR4-100	850	MMF	0,1
QSFP28-LR4-10-100	LWDM4	SMF	10
QSFP28-LR4-20-100	LWDM4	SMF	20
QSFP28-ER4-40-100	LWDM4	SMF	40
QSFP28-ZR4-60-100	LWDM4	SMF	60
QSFP28-ZR4-80-100	LWDM4	SMF	80
QSFP28-EZR4-100-100	LWDM4	SMF	100

QSFP28 100Gbps BIDIS			
Part Number	λ (nm)	Cable Type	Reach
QSFP28-W23-10-100	TX: 1291 / RX: 1331	SMF	10
QSFP28-W32-10-100	TX: 1331 / RX: 1291	SMF	10
QSFP28-W34-40-100	TX: 1304 / RX: 1309	SMF	40
QSFP28-W39-40-100	TX: 1309 / RX: 1304	SMF	40

40G QSFP+ Transceiver

Allmon 40G QSFP+ series optical transceivers includes 150m, 400m SR4, 2km, 10km LR4, 30km, 40km ER4, and 80km ZR4, using LC or MPO receptacle, with the features of IEEE802.3bm, SFF-8436 Compliant, low power consumption and high reliability, suitable for 40G Ethernet and data center.

Standards and Regulatory Compliance

- RoHS Compliant
- Compliant to IEEE802.3ba
- Compliant to SFF 8436
- Compliant to QSFP+ MSA

Applications

- 40G Ethernet
- Data Center
- Infiniband QDR
- Fiber Channel
- Switch and Router



Case operating temperature range

- Commercial: 0°C to +70°C
- Industrial: -40°C to +85°C

QSFP+ 40Gbps			
Part Number	λ (nm)	Cable Type	Reach
QSFP-SR4-40	850	MMF	0,1
QSFP-LR4-10-40_PSM	1310	SMF MPO	10
QSFP-LR4-10-40	LWDM4	SMF	10
QSFP-LR4-20-40	LWDM4	SMF	20
QSFP-ER4-40-40	LWDM4	SMF	40
QSFP-ZR4-60-40	LWDM4	SMF	60
QSFP-ZR4-80-40	LWDM4	SMF	80

10G SFP+ Transceiver

Allmon 10G SFP+ series includes SR, LR, ER, ZR, CWDM/DWDM. BIDI series, complaint with MSA, SFF-8472, SFF-8431, with the feature of low power consumption, commercial or industrial operation temperature and high reliability, suitable for DC. Metro, Wireless and Transmission networks.

Standards and Regulatory Compliance

- RoHS Compliant
- Compliant to IEEE Std 802.3ae, 802.3aq (10Gbase-LRM)
- Compliant to SFP+ MSA (multi-source agreement)

Case operating temperature range

- Commercial: 0°C to +70°C
- Industrial: -40°C to +85°C

Applications

- 10G Ethernet
- Data Center
- CPRI and OBSAI



SFP+ 10Gbps			
Part Number	λ (nm)	Cable Type	Reach
SFPP-SR-10	850	MMF	0,3
SFPP-10-10	1310	SMF	20
SFPP-40-10	1550	SMF	40
SFPP-80-10	1550	SMF	80

SFP+ 10Gbps Bidi			
Part Number	λ (nm)	Cable Type	Reach
SFPP-W23-10-10	TX: 1270/RX: 1330	SMF	20
SFPP-W32-10-10	TX: 1330/RX: 1270	SMF	20
SFPP-W23-40-10	TX: 1270/RX: 1330	SMF	40
SFPP-W32-40-10	TX: 1330/RX: 1270	SMF	40
SFPP-W23-60-10	TX: 1270/RX: 1330	SMF	60
SFPP-W32-60-10	TX: 1330/RX: 1270	SMF	60
SFPP-W45-80-10	TX: 1490/RX: 1550	SMF	80
SFPP-W54-80-10	TX: 1550/RX: 1490	SMF	80

10G XFP Transceiver

Allmon 10G XFP series includes SR, LR, ER, ZR, CWDM/DWDM, BIDI series, compliant with MSA, SFF-8472, SFF-8431, with the feature of low power consumption, commercial or industrial operation temperature and high reliability, suitable for DC. Metro, Wireless and Transmission networks.

Standards and Regulatory Compliance

- Compliant to XFP MSA (multi-source agreement)
- Compliant to IEEE Std 802.3
- Compliant to Fibre Channel Draft Physical Interface Specification
- Compliant to SONET/SDH optical standards

Case operating temperature range

- Commercial: 0°C to +70°C
- Industrial: -40°C to +85°C

Applications

- 10G Ethernet
- SONET OC-192 and SDH STM-64
- Storage networks



XFP 10Gbps			
Part Number	λ (nm)	Cable Type	Reach
XFP-SR	850	MMF	0,55
XFP-LR	1310	SMF	20
XFP-ER	1550	SMF	40

XFP 10Gbps Bidi			
Part Number	λ (nm)	Cable Type	Reach
XFP-W23-10	TX: 1270 / RX1330	SMF	20
XFP-W32-10	TX: 1330 / RX1270	SMF	20

1.25G SFP Transceiver

Allmon 1.25G SFP includes SR, LR, ER, ZR, CWDM/DWDM, BIDI series, complaint with MSA, SFF-8472, with the feature of low power consumption, commercial or industrial operation temperature and high reliability, suitable for DC, Metro and Transmission networks.

Standards and Regulatory Compliance

- RoHS Compliant
- Compliant to SFP MSA (multi-source agreement)
- Compliant to IEEE Std 802.3
- Compliant to Fibre Channel Draft Physical Interface Specification
- Compliant to SONET/SDH optical standards

Case operating temperature range

- Commercial: 0°C to +70°C
- Industrial: -40°C to +85°C

Applications

- Fiber Channel Links
- WDM Gigabit Ethernet Links
- FTTX Application
- Other Optical Links



SFP 1GBps			
Part Number	λ (nm)	Cable Type	Reach
SFP-SX	850	MMF	0,55
SFP-10	1310	SMF	20
SFP-40	1310	SMF	40
SFP-80	1550	SMF	80
SFP-120	1550	SMF	120

SFP 1Gbps Bidi			
Part Number	λ (nm)	Cable Type	Reach
SFP-W35-10	TX: 1310/RX: 1550	SMF	20
SFP-W53-10	TX: 1550/RX: 1310	SMF	20
SFP-W35-40	TX: 1310/RX: 1550	SMF	40
SFP-W53-40	TX: 1550/RX: 1310	SMF	40
SFP-W45-80	TX: 1490/RX: 1550	SMF	80
SFP-W54-80	TX: 1550/RX: 1490	SMF	80

Copper Transceiver

Allmon Cooper SFP including 100BASE-T, 1000BASE-T, 10GBASE-T series, they are designed for 100/1000/10GBASE-T Ethernet links reach up to 100m.

Standards and Regulatory Compliance

- RoHS Compliant
- Compliant to SFP MSA (multi-source agreement)
- Compliant to SFP+ MSA (multi-source agreement)

Case operating temperature range

- Commercial: 0°C to 70°C
- Industrial: -40°C to +85°C

Applications

- 10/100/1000 Base Ethernet
- 10GBase-T PHYs Ethernet
- 100/1000Base Ethernet
- MDI/MDIX Crossover



SFP 1Gbps Cobre			
Part Number	λ (nm)	Cable Type	Reach
SFP-TXM	-	CAT 5	0,1

SFP+ 10Gbps Cobre			
Part Number	λ (nm)	Cable Type	Reach
SFPP-TXM-10G	-	CAT 6	0,3



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