

Take full advantage of your high quality fronthaul mobile network with Skylane Optics modules

SyncE Copper SyncE

CPRI CPRI

SW-SF CWDM

SyncE Copper SyncE

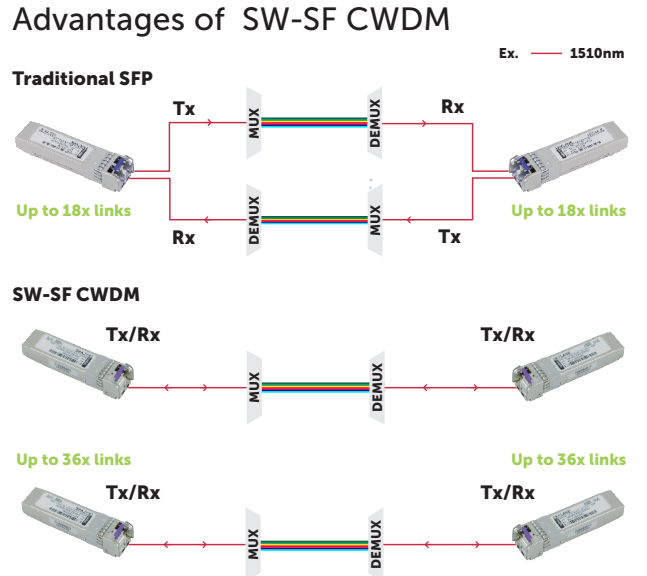
Packet synchronization is required when deploying LTE/4G technology. While a traditional copper SFP does not support synchronization, the Skylane Optics copper Sync-E SFP is transparent to the IEEE 1588v2 protocol and supports Synchronous Ethernet over a copper connection.

CPRI CPRI

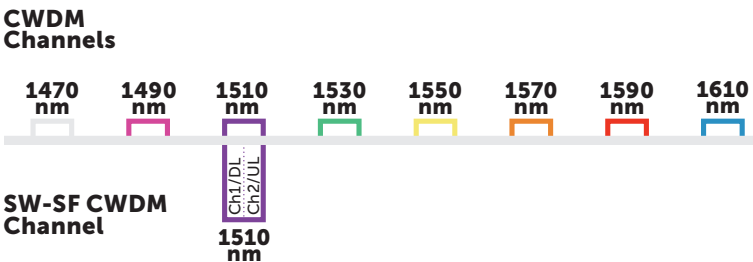
Skylane Optics has a full range of CPRI/OBSAI transceivers designed for mobile backhaul and fronthaul; supporting industrial temperature (-40°C to 85°C), available at different data rates (3G, 6G, 10G) and transmission distances.

SW-SF CWDM

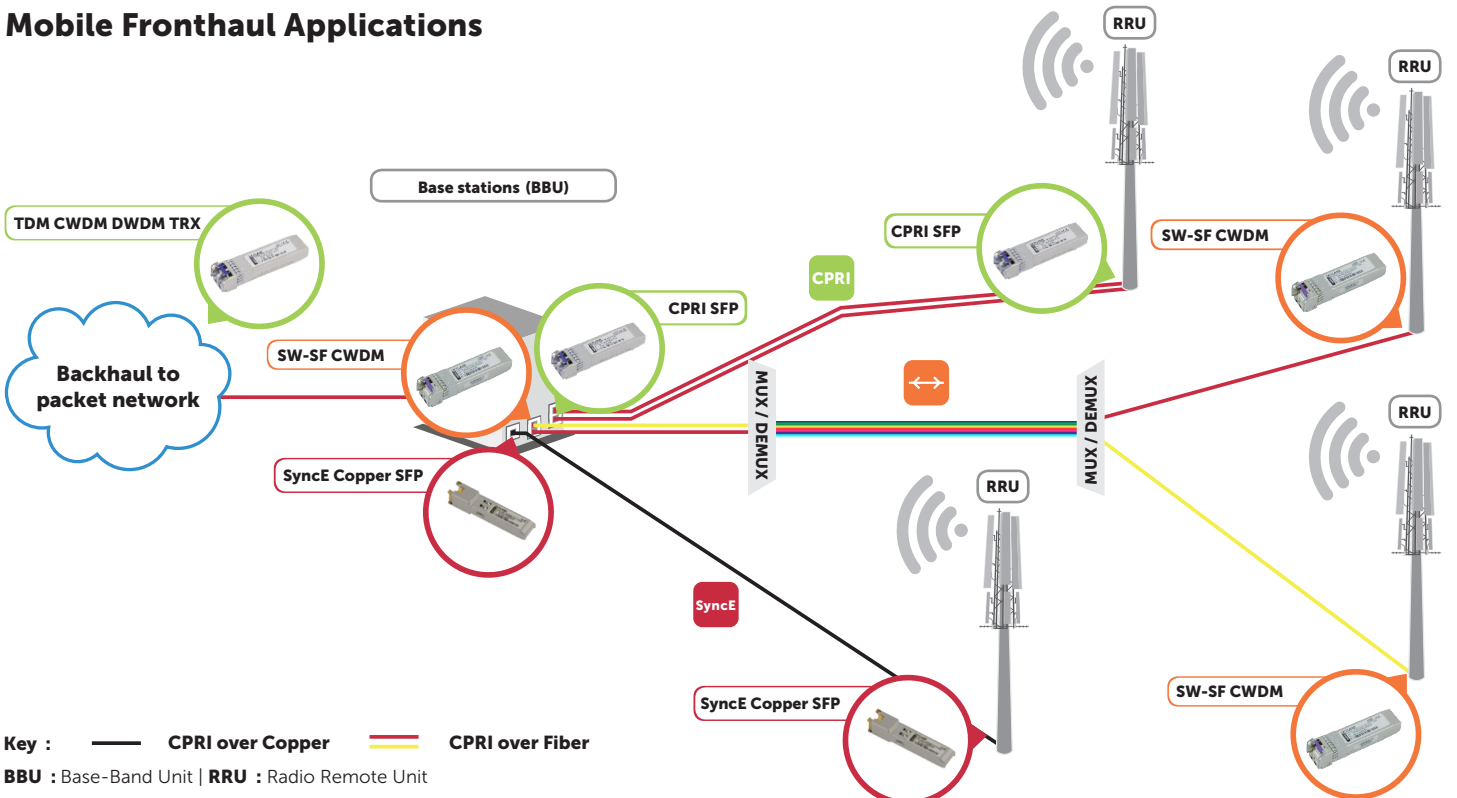
The Single Wavelength - Single Fibre is a CPRI compatible bi-directional transceiver, ideal to double your network capacity without changing your passive infrastructure using a single ITU CWDM channel (technology uses 2x sub-wavelength of a CWDM channel). It covers the 18 wavelengths and can go up to 36x links. Skylane Optics supplies Mux/Demuxes. Contact us for more information.



How does a SW-SF CWDM work ?



Mobile Fronthaul Applications



Ordering Information

1 Copper SyncE	
SFT00P10GE2[G/H]	SFP copper, RJ45 connector, 1000Base-T, SyncE transparent, Distance up to 100m on Cat 5 UTP cabling, -40°C to 85°C, Master mode (Clock emitter) or Slave mode (Clock receiver)
2 CPRI	
SFP85P30L31D	SFP Dual Fibre, 850nm, distance up to 300m, 3.072Gbps, LC connector, -20°C to 85°C, DDM
SFP13xxxL32D	SFP Dual Fibre, 1310nm, distance up to 2/10/20km, 3.072Gbps, LC connector, -40°C to 85°C, DDM
SFP15xxxL32D	SFP Dual Fibre, 1550nm, distance up to 40/80km, 3.072Gbps, LC connector, -40°C to 85°C, DDM
SFCxx040L31D	SFP Dual Fibre CWDM, distance up to 40km, 3.072Gbps, power budget 18dB, LC connector, -20°C to 85°C, DDM
SFCxx080L31D	SFP Dual Fibre CWDM, distance up to 80km, 3.072Gbps, power budget 24dB, LC connector, -20°C to 85°C, DDM
SFDxx080L30D	SFP Dual Fibre DWDM, distance up to 80km, 3.072Gbps, power budget 24dB, LC connector, 0°C to 70°C, DDM
SPP85P30L61D	SFP+ Dual Fibre, 850nm, distance up to 300m, 6.1Gbps, LC connector, -20°C to 85°C, DDM
SPP13xxxL62D	SFP+ Dual Fibre, 1310nm, distance up to 2/10/20km, 6.1Gbps, LC connector, -40°C to 85°C, DDM
SPP15xxxL62D	SFP+ Dual Fibre, 1550nm, distance up to 40/80km, 6.1Gbps, LC connector, -40°C to 85°C, DDM
SPCxx010L62D	SFP+ Dual Fibre CWDM, distance up to 10km, 6.1Gbps, power budget 10dB, LC connector, -40°C to 85°C, DDM
SPCxx040L62D	SFP+ Dual Fibre CWDM, distance up to 40km, 6.1Gbps, power budget 14dB, LC connector, -40°C to 85°C, DDM
SPCxx080L62D	SFP+ Dual Fibre CWDM, distance up to 80km, 6.1Gbps, power budget 23dB, LC connector, -40°C to 85°C, DDM
SPDxx040L62D	SFP+ Dual Fibre DWDM, distance up to 40km, 6.1Gbps, power budget 14dB, LC connector, -40°C to 85°C, DDM
SPDxx080L62D	SFP+ Dual Fibre DWDM, distance up to 80km, 6.1Gbps, power budget 23dB, LC connector, -40°C to 85°C, DDM
SPB23xxxL62D	SFP+ Single Fibre, Tx1270nm, Rx 1330nm, distance up to 10/20/40km, 6.1Gbps, LC connector, -40°C to 85°C, DDM
SPB32xxxL62D	SFP+ Single Fibre, Tx1330nm, Rx 1270nm, distance up to 10/20/40km, 6.1Gbps, LC connector, -40°C to 85°C, DDM
SPP85P30LX1D	SFP+ Dual Fibre, 850nm, distance up to 300m, 9.830Gbps, LC connector, -20°C to 85°C, DDM
SPP13xxxLX2D	SFP+ Dual Fibre, 1310nm, distance up to 2/10/20km, 9.830Gbps, LC connector, -40°C to 85°C, DDM
SPP15xxxLX2D	SFP+ Dual Fibre, 1550nm, distance up to 40/80km, 9.830Gbps, LC connector, -40°C to 85°C, DDM
SPCxx010LX2D	SFP+ Dual Fibre CWDM, distance up to 10km, 9.830Gbps, power budget 10dB, LC connector, -40°C to 85°C, DDM
SPCxx040LX2D	SFP+ Dual Fibre CWDM, distance up to 40km, 9.830Gbps, power budget 14dB, LC connector, -40°C to 85°C, DDM
SPCxx080LX2D	SFP+ Dual Fibre CWDM, distance up to 80km, 9.830Gbps, power budget 23dB, LC connector, -40°C to 85°C, DDM
SPDxx040LX2D	SFP+ Dual Fibre DWDM, distance up to 40km, 9.830Gbps, power budget 14dB, LC connector, -40°C to 85°C, DDM
SPDxx080LX2D	SFP+ Dual Fibre DWDM, distance up to 80km, 9.830Gbps, power budget 23dB, LC connector, -40°C to 85°C, DDM
SPB23xxxLX2D	SFP+ Single Fibre, Tx1270nm, Rx 1330nm, distance up to 10/20/40km, 9.830Gbps, LC connector, -40°C to 85°C, DDM
SPB32xxxLX2D	SFP+ Single Fibre, Tx1330nm, Rx 1270nm, distance up to 10/20/40km, 9.830Gbps, LC connector, -40°C to 85°C, DDM
Offered on project basis only.	
3 Single Wavelength – Single Fibre CWDM	
SBHxxB22L32D	SFP SW-SF CWDM Downstream or Upstream, 3.072Gbps, power budget 22dB, LC connector, -40°C to 85°C, DDM
SBHxxB12L62D	SFP+ SW-SF CWDM Downstream or Upstream, 6.1Gbps, power budget 12dB, LC connector, -40°C to 85°C, DDM
SBHxxB18L62D	SFP+ SW-SF CWDM Downstream or Upstream, 6.1Gbps, power budget 18dB, LC connector, -40°C to 85°C, DDM

Want to know more about our **mobile network solutions**?
Contact us: customer.service@skylaneoptics.com