



Product List

BarnOne Base frames

All base frames are 1RU-19". Price includes single power supply, control card and BarnStudio software for configuration and control.

Order Number	Description
BTF1-01	16 SFP ports
BTF1-02	16 SFP ports, 16 BNC
BTF1-03-08	16 SFP ports and a 8 or 16 channel
BTF1-03-16	CWDM mux/de-mux built in.
BTF1-04	32 SFP ports
BTF1-05-08	16 SFP ports and 2X 8 or 16 channel
BTF1-05-16	CWDM mux/de-mux built in.
BTF1-06	24 SFP ports, 8 BNC
BTF1-07-08	16 SFP ports, 8 BNC and a 8 or 16
BTF1-07-16	channel CWDM mux/de-mux built in.
BTF1-08-08	24 SFP ports and a 8 or 16 channel
BTF1-08-16	CWDM mux/de-mux built in.

**All base frames from Barnfind have internal 32x32 crosspoint-switch for routing and channel swapping/duplication. Both optical and electrical outputs have reclockers to ensure perfect signal out. Both SFPs and BNCs are bi-directional.*

BarnMini

Order Number	Description
BarnMini-01	BNC TX/RX, SFP port for transceiver (TX/RX), including power supply.
BarnMini-02	2xSFP ports for transceiver (TX/RX), including power supply.

**Any SFPs in our product list are compatible with the BarnMini series.*

Separate Optical Housing

Order Number	Description
BT-HOUS-LGX-1RU	Barnfind standard empty chassis for up to 4 LGX Boxes in 1RU

CWDM Mux/Demux

Order Number	Description
BT-CWDM-08-LGX	8 channels in LGX box stand-alone
BT-CWDM-16-LGX	16 channels in LGX box stand-alone

** Other CWDM configuration can be 2, 5, 9 and 18 channels, please ask!*

Optical Splitters

Order Number	Description
BT-SPLIT-2-LGX	Passive distribution of optical signals 1:2 out
BT-SPLIT-4-LGX	Passive distribution of optical signals 1:4 out

** Other optical splitters are on request.*

DWDM Mux/Demux

Order Number	Description
BT-DWDM-MUX-16-1RU	16 channels in 1RU
BT-DWDM-MUX-32-1RU	32 channels in 1RU

** Up to 88 channels possible (1RU), please ask!*

Ready-configured CWDM systems' example - based on BTF1-07 Frame

A selection of pre-configured solutions. Price includes all SFP modules and CWDM mux/de-mux

How to read product name: E.g. BTF1-07-C08-80-2.5G

BTF1-07 [base frame] **-C08** [8ch CWDM] **-80** [transmitting distance in km] **-2.5G** [max data rate]

Order Number	Description
BTF1-07-C08-80-2.5G	Systems are based on BarnOne BTF1-07 and the price includes all the needed 2.5Gbit SFP modules. 155Mbit and 1.25Gbit are also available
BTF1-07-C16-80-2.5G	
BTF1-07-C08-10-3G	Systems are based on BarnOne BTF1-07 and the price includes all the needed 3Gbit SFP modules.
BTF1-07-C16-10-3G	
BTF1-07-C08-40-3G	
BTF1-07-C16-40-3G	

SFP - Initial selection

SFP Transceiver modules - Single Mode

Order Number	Data Rate	Distance	nm	Compatible
BTSFP-LX-SM-0120	155Mbps	20km	1310nm	OC-3/STM-1, 10/100Base- Fast Ethernet
BTSFP-LX-SM-0140	155Mbps	40km	1310nm	
BTSFP-ZX-SM-0180	155Mbps	80km	1550nm	
BTSFP-LX-SM-0620	622Mbps	20km	1310nm	SONET OC-12, SDH STM-4/ATM
BTSFP-LX-SM-0640	622Mbps	40km	1310nm	
BTSFP-ZX-SM-0680	622Mbps	80km	1550nm	
BTSFP-LX-SM-0220	1.25Gbps	20km	1310nm	1000Base Ethernet
BTSFP-LX-SM-0240	1.25Gbps	40km	1310nm	
BTSFP-ZX-SM-0280	1.25Gbps	80km	1550nm	
BTSFP-LX-SM-0310	2.5Gbps	10km	1310nm	OC-48, STM-16
BTSFP-LX-SM-0340	2.5Gbps	40km	1310nm	
BTSFP-ZX-SM-0380	2.5Gbps	80km	1550nm	
BTSFP-LX-SM-3G02	3G	2km	1310nm	SDI,HD-SDI and 3G-SDI
BTSFP-LX-SM-3G20	3G	20km	1310nm	
BTSFP-ZX-SM-3G40	3G	40km	1550nm	

SFP Transceiver modules - Multi Mode

Order Number	Data Rate	Distance	nm	Compatible
BTSFP-MM-1G550	1Gbps	550m	850nm	10/100 Fast Eth
BTSFP-MM-2G550	2Gbps	550m	850nm	SDI-HD
BTSFP-MM-3G02	3Gbps	2km	1310nm	3G

** This is only an initial selection. Please ask for other possibilities.*

SFP - BIDI modules (Price per pair)

Order Number	Data Rate	Distance	nm	Compatible
BTSFP-WDM-SM-0120A	155Mbps	20km	T1550/R1310nm	
BTSFP-WDM-SM-0120B			T1310/R1550nm	
BTSFP-WDM-SM-0140A	155Mbps	40km	T1550/R1310nm	
BTSFP-WDM-SM-0140B			T1310/R1550nm	
BTSFP-WDM-SM-0180A	155Mbps	80km	T1550/R1310nm	
BTSFP-WDM-SM-0180B			T1310/R1550nm	
BTSFP-WDM-SM-0220A	1.25Gbps	20km	T1550/R1310nm	
BTSFP-WDM-SM-0220B			T1310/R1550nm	
BTSFP-WDM-SM-0240A	1.25Gbps	40km	T1550/R1310nm	
BTSFP-WDM-SM-0240B			T1310/R1550nm	
BTSFP-WDM-SM-0280A	1.25Gbps	80km	T1550/R1490nm	
BTSFP-WDM-SM-0280B			T1490/R1550nm	

BTSFP-WDM-SM-0310A	2.5Gbps	10km	T1550/R1310nm
BTSFP-WDM-SM-0310B			T1310/R1550nm
BTSFP-WDM-SM-0340A	2.5Gbps	40km	T1550/R1310nm
BTSFP-WDM-SM-0340B			T1310/R1550nm
BTSFP-WDM-SM-0380A	2.5Gbps	80km	T1550/R1490nm
BTSFP-WDM-SM-0380B			T1490/R1550nm

SFP - CWDM modules

** All CWDM modules mentioned in the list are transceivers*

Order Number	Data Rate	Distance	nm	Compatible
BTSFP-CWDM-40-01XX	155Mbps	40km	1290 - 1590nm	
BTSFP-CWDM-80-01XX	155Mbps	80km	1470 - 1610nm	
BTSFP-CWDM-40-02XX	1.25Gbps	40km	1290 - 1590nm	
BTSFP-CWDM-80-02XX	1.25Gbps	80km	1470 - 1610nm	
BTSFP-CWDM-40-03XX	2.5Gbps	40km	1290 - 1590nm	
BTSFP-CWDM-80-03XX	2.5Gbps	80km	1470 - 1610nm	
BTSFP-CWDM-10-3GXX	3G	10km		SDI,HD-SDI, 3G
BTSFP-CWDM-40-3GXX	3G	40km		

SFP - DWDM modules

** All DWDM modules mentioned in the list are transceivers*

Order Number	Data Rate	Distance	nm	Compatible
BTSFP-XX80DCR	1.25Gbps	80km		1000 Base Ethernet
BTSFP-XXA2DCR	1.25Gbps	120km		
BTSFP-XX80DCR	2.5Gbps	80km		OC-48, STM-16
BTSFP-XXA2DCR	2.5Gbps	120km		

** Wavelength selectable to C-band and L-band ITU-T grid wavelengths*

Other SFPs

Order Number	Description
Video HDBNC Coaxial SFP	
EB30HDRT-MM	SDI SFP (emSFP) COAXIAL TRANSCEIVER MEDIUM REACH, MSA, HD-BNC
Video DIN Coaxial SFP	
EB30CSRT-MM	SDI SFP (emSFP) Coaxial ransceiver medium reach, MSA, DIN 1.0/2.3
HDMI/DVI emSFP	
EB34TD1R-SM	HDMI to 3Gbps SDI Converter (includeing BT-HDMI cable)
EB34TD1T-SM	SDI to HDMI/DVI SFP Transmitter (emSFP), MSA, Type D with retention clip (includeing BT-HDMI cable)
CVBS emSFP	
EB30CSRT-AM	CVBS SFP (emSFP) COAXIAL TRANSCEIVER, MSA, DIN1.0/2.3
EB30HDRT-AM	CVBS SFP (emSFP) COAXIAL TRANSCEIVER, MSA, HD-BNC
Ethernet	
BT-1000 Base T	10/100/1000 Mbit/s

Accessories

Order Number	Description	
BT-PSU-12	Redundant power supply or spare for BarnOne family	
BT-PSU-48	Redundant power supply or spare for BarnOne family	
BT-MINI-PSU-12	Spare power supply for BarnMini series	
BT-ATT-LC-XX	Attenuator for LC connectors Specify dB from 1 to 30	
BT-PATCH-LC-50CM	Fiber patch cables LC-LC	50cm
BT-PATCH-LC-3M	Duplex, other lenghts on request	3m
BT-PATCH-LC-5M		5m
BT-PATCH-LC-10M		10m
Fault Locator 8-10km	Visual fault locator optical tester	10mW
Fault Locator 18-20km	Visual fault locator optical tester	30mW
Power Meter - JW2308A	Portable optical power meter	range(dBm) 70 ~ +3
Power Meter - JW3208C	Portable optical power meter	range(dBbm) 50 ~ +26
BarnClean	Fiber optical connector cleaner	
BarnClean Refill	Refill cassette for BarnClean	
BT-HDMI Cable	Cable for HDMI with special locking function	