

Product List



Effective from 01.06.2016

BarnOne Frames

Order Number	Description
BTF1-01	16 SFP ports
BTF1-02	16 SFP ports and 16 BNC
BTF1-03-08	16 SFP ports and a 8 or 16 channel CWDM mux/de-mux built in.
BTF1-03-16	
BTF1-04	32 SFP ports
BTF1-05-08	16 SFP ports and 2X 8 or 16 channel CWDM mux/de-mux built in.
BTF1-05-16	
BTF1-06	24 SFP ports, 8 BNC
BTF1-07-08	16 SFP ports, 8 BNC and a 8 or 16 channel CWDM mux/de-mux built in.
BTF1-07-16	
BTF1-08-08	24 SFP ports and a 8 or 16 channel CWDM mux/de-mux built in.
BTF1-08-16	
BTF1-10	16 SFP ports, 8 BNC and 8 ch. AES digital audio embedding / de-embedding

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

**see 'Accessories' for redundant PSU, cables etc.*

BarnMini

Order Number	Description
BarnMini-01	BNC TX/RX, SFP port for transceiver (TX/RX), up to 3G SDI incl. PSU.
BarnMini-02	2xSFP port for transceiver (TX/RX), incl. PSU. up to 3G SDI
BarnMini-03	HDMI-SFP, HDMI RX, SFP port for transmitter (TX), incl. PSU.
BarnMini-04	SFP-HDMI, HDMI TX, SFP port for receiver (RX), incl. PSU.
BarnMini-05	12 ports GPI/O through ethernet / fiber, incl. PSU.
BarnMini-06	Optical Change Over (OCS) GPI controlled
BarnMini-11	BNC TX/RX, SFP port for transceiver (TX/RX), incl. PSU. up to 12G SDI
BarnMini-12	2xSFP port for transceiver (TX/RX), incl. PSU. up to 12G SDI
BTF-Mini-16	2.5RU frame for housing of up to 16 BarnMinis, incl. PSU.

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

**see 'Accessories' for redundancy PSU, cables etc.*

Housing For LGX Modules

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

CWDM Mux/Demux

CWDM modules in LGX box, fit into BT-HOUS-LGX-1RU Chassis

Order Number	Description
BT-WDM-LGX	2 channels in LGX box stand-alone
BT-CWDM-MUX-08-LGX	8 channels in LGX box stand-alone
BT-CWDM-MUX-16-LGX	16 channels in LGX box stand-alone
BT-CWDM-MUX-18-LGX	18 channels in LGX box stand-alone

* Other CWDM configuration on request.

Optical Splitters

splitter modules in LGX box, fit into BT-HOUS-LGX-1RU chassis

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
BT-SPLIT-8-LGX	Passive distribution of optical signals 1:8 out

* Other optical splitters on request.

Optical Changeover Switch

switch module in LGX box, fit into BT-HOUS-LGX-1RU chassis

Order Number	Description
BT-OCS-2-LGX	Optical changeover 2:1, Non-latching

* Other optical changeover switch on request.

DWDM Mux/Demux

DWDM systems in 1RU/2RU Rack-Mount chassis

Order Number	Description
BT-DWDM-MUX-32-1RU	32 channels in 1RU
BT-DWDM-MUX-44-1RU	44 channels in 1RU

* Other larger DWDM configuration on request.

SFP - Initial selection

How to read a SFP label:

BTSFP-LX-SM-3G02 : BTSFP [barnfind SFP] -LX [nm=1310] -SM [single mode] -3G [max. data rate] -02 [max. transmitting distance in km]

LX = wavelength is 1310nm ZX = wavelength is 1550nm SM = Single mode MM= Multi mode

* All transmission distances indicated here are ONLY for reference. Optical budget loss calculation is required to retrieve the precise transmission performance.

SFP Transceiver modules - Single Mode

Order Number	Max. Data Rate	Distance	nm	Compatible
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	2.125Gbps	10km	1310nm	-

BTSFP-LX-SM-0340	2.125Gbps	40km	1310nm	
BTSFP-ZX-SM-0380	2.125Gbps	80km	1550nm	
BTSFP-LX-SM-3G02	3Gbps	2km	1310nm	SDI, HD-SDI and 3G-SDI
BTSFP-LX-SM-3G20	3Gbps	20km	1310nm	
BTSFP-ZX-SM-3G40	3Gbps	40km	1550nm	
BT-LX-SM-10G20	10Gbps	20km	1310nm	

* This is only an initial selection. Other possibilities on request.

SFP Transceiver modules - Multi Mode

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

SFP - BIDI Single Mode Transceiver modules

Order Number	Max. Data Rate	Distance	nm	Compatible
BTSFP-WDM-0220A	1.25Gbps	20km	T1310/R1550nm	
BTSFP-WDM-0220B			T1550/R1310nm	
BTSFP-WDM-0240A	1.25Gbps	40km	T1310/R1550nm	
BTSFP-WDM-0240B			T1550/R1310nm	
BTSFP-WDM-0280A	1.25Gbps	80km	T1490/R1550nm	
BTSFP-WDM-0280B			T1550/R1490nm	
BTSFP-WDM-0310A	2.5Gbps	10km	T1310/R1550nm	
BTSFP-WDM-0310B			T1550/R1310nm	
BTSFP-WDM-0340A	2.5Gbps	40km	T1310/R1550nm	
BTSFP-WDM-0340B			T1550/R1310nm	
BTSFP-WDM-0380A	2.5Gbps	80km	T1490/R1550nm	
BTSFP-WDM-0380B			T1550/R1490nm	

SFP - CWDM Single Mode Transceiver modules

Order Number	Max. Data Rate	Distance	nm	Compatible
BT-CWDM-40-02XX	1.25Gbps	40km	1270-1610nm	
BT-CWDM-80-02XX	1.25Gbps	80km	1270-1610nm	
BT-CWDM-40-03XX	2.5Gbps	40km	1270-1610nm	
BT-CWDM-80-03XX	2.5Gbps	80km	1270-1610nm	
BT-CWDM-10-3GXX	3Gbps	10km	1270-1610nm	SDI, HD-SDI, 3G
BT-CWDM-40-3GXX	3Gbps	40km	1270-1610nm	
BT-CWDM-80-3GXX	3Gbps	80km	1270-1610nm	
BT-CWDM-10-10GXX	10Gbps	10km	1270-1610nm	

SFP - HiLo (High/Low) CWDM SFP Transceiver modules

Order Number	Max. Data Rate	Distance	nm	Compatible
BT-3G-XX-H	3Gbps	20km	1270-1610nm	SDI, HD-SDI, 3G
BT-3G-XX-L	3Gbps	20km	1270-1610nm	

SFP - DWDM Single Mode Transceiver modules

Order Number	Max. Data Rate	Distance	nm	Compatible
BT-DWDM-80-02XX	1.25Gbps	80km		1000 Base Ethernet
BT-DWDM-120-02XX	1.25Gbps	120km		Ethernet
BT-DWDM-80-03XX	2.5Gbps	80km		OC-48, STM-16
BT-DWDM-120-03XX	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 transceiver medium reach, MSA, DIN
HDMI/DVI emSFP	
EB34TD1R-SM	HDMI to 3Gbps SDI Receiver, MSA, Type D with retention clip
EB34TD1T-SM	SDI to HDMI/DVI SFP Transmitter, MSA, Type D with retention clip
CVBS emSFP	
EB30CSRT-AM	CVBS SFP (emSFP) Coaxial transceiver, MSA,
EB30HDRT-AM	CVBS SFP (emSFP) Coaxial transceiver, MSA,
Ethernet SFP	
BTSFP-Gbase-CU	10/100/1000 Mbit/s
Singel Receiver SFP	
BTSFP-RX-HS-3G	3G-SDI Single mode receiver, High Sensitivity

Stagebox: Break-Out Panel

Order Number	Description
BTSB-2RU	Barnfind stage box frame, 2RU. Includes 1 x BTSB-RJ45-LOGO.
BTSB-BASE	Blind cover for BTSB-2RU
BTSB-BNC-4x	4 x Panel mounted BNC connectors for BTSB-2RU
BTSB-LC-8x	8 x Panel mounted LC connectors for BTSB-2RU. Metal enclosure
BTSB-LEMO-CAM-NO CONNECTOR	Panel module for BTSB-LEMO-CAM for BTSB-2RU. <u>Connector not included.</u> Connector : LEMO FXW.3K SMPTE
BTSB-LEMO-CAM	Panel module for BTSB-LEMO-CAM for BTSB-2RU.
BTSB-LEMO-CCU-NO CONNECTOR	Panel module for BTSB-LEMO-CCU for BTSB-2RU. <u>Connector not included.</u> Connector : LEMO EDW.3K SMPTE
BTSB-LEMO-CCU	Panel module for BTSB-LEMO-CCU for BTSB-2RU.
BTSB-RJ45-3x	3 x Panel mounted RJ45 connectors for BTSB-2RU
BTSB-XLR-F2x	2 x Panel mounted XLR (female) connectors for BTSB-2RU.
BTSB-XLR-M2x	2 x Panel mounted XLR (male) connectors for BTSB-2RU.

Accessories

Order Number	Description
BT-PSU-100-240AC	110 ~ 240V to 12V, 120 W Redundant PSU for BarnOne / BTF-Mini-16
BT-PSU-36-72DC	48DC to 12V, 100 W Redundant PSU for BarnOne / BTF-Mini-16
BTF1-TRAY-PSU	Tray for PSU to be mounted on the rear side of BarnOne
BT-EXT-PAIR-5CM	Extention mounting brackets for BarnOne, 5cm deep. Price per pair
BT-EXT-PAIR(LGX)-5CM	Extention mounting brackets for BT-HOUS-LGX-1RU, 5cm deep. Price per pair
BT-FAN-BARNONE	Fan Cassette for BarnOne
BT-Mini-PSU	Spare PSU for BarnMini series (stand-alone)
BT-ATT-LC-05	Attenuator for LC connectors, 5dBm
BT-PA-LC/LC-SM-SX-0.5M (BT-PATCH-LC-50CM)	Fiber patch cables LC-LC, Single Mode, Simplex, 0,5m other lenghts on request
BT-PA-LC/LC-SM-SX-3M (BT-PATCH-LC-3M)	3m
BT-PA-LC/LC-SM-SX-5M (BT-PATCH-LC-5M)	5m
BT-PA-LC/LC-SM-SX-10M (BT-PATCH-LC-10M)	10m
BT-PA-FC/LC-SM-DX-1M	Fiber patch cables FC-LC, Single Mode, Duplex 1m
BT-PA-LC/LC-MM-DX-0.5M	Fiber patch cables LC-LC, Multi-Mode, Duplex 0,5m
FAULT LOCATOR 8-10km	Visual fault locator optical tester 10mW
BT-POWER METER-JW3208A	Portable optical power meter range(dBm) -70 ~ +3
BARNCLEAN	Fiber optical connector cleaner
BARNCLEAN REFILL	Refill cassette for BarnClean
EB00CA02-03A	cable HD-BNC to BNC HD-BNC plug (M) to BNC Jack (F) cable adapter, 3in Belden 1855A
EB00CC04-02C	cable SFP to HDMI HDMI type D plug to HDMI type A jack, 2M
EB00CC05-02C	cable SFP to DVI HDMI type D plug to DVI A jack, 2M,

BarnCare

Barnfind offers 2-YEAR standard warranty for all products in this Price List.
For BarnOne series (Frame, PSU, Fan Cassette), we offer [an extra 3-YEAR warranty](#) that can be purchased on request.

Contact us for even longer warranty requests or other support agreements!
See also **Business Partner Agreement (BPA)** for further information.

Order Number	Description
BC-BTF1-EXTRA-3	Non-discountable
BC-BTF1-EXTRA-XX	Non-discountable
BC-ONSITE-DAY	Barnfind offers on-site commissioning of products delivered by Barnfind which includes training, support and configuration Per-day fee, exluding accomodation and transportation. Non-discountable