

Product List



Effective from: Jan 1st, 2020

BarnOne Frames

Order Number	Description
BTF1-01	3G, 16 SFP ports
BTF1-02	3G, 16 SFP ports and 16 BNC
BTF1-04	3G, 32 SFP ports
BTF1-06	3G, 24 SFP ports, 8 BNC
BTF1-07-08	3G, 16 SFP ports, 8 BNC and a 8 or 16 channel CWDM mux/de-mux built in.
BTF1-07-16	
BTF1-10-AA	3G, 16 SFP ports, 8 BNC and 8 ch. analog audio I/O with MAD1 conversion and integrated MAD1 router
BTF1-41	12G, 16 SFP+ ports
BTF1-41-SFP16	12G, Extension module for BTF1-41. 16 SFP+ ports

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.*

BarnStudio

[BarnStudio](#)

[Software for BarnOne series.](#)
[Charged per unit.](#)

BarnMini

Order Number	Description
BarnMini 01	BNC TX/RX, SFP port for transceiver (TX/RX), incl. PSU.
BarnMini 02	2xSFP port for transceiver (TX/RX), incl. PSU.
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	4 ports GPIO, 1 port RS422/485 through Ethernet/fiber, incl. PSU.
BarnMini 06	Optical Changeover Switch (OCS) 1x2, GPI controlled, incl. PSU
BarnMini 07-2935	4-Ch. CWDM Mux/Demux, Simplex Directional Transmission. λ 1290-1350
BarnMini 07-3743	4-Ch. CWDM Mux/Demux, Simplex Directional Transmission. λ 1370-1430
BarnMini 08-1:2	Optical splitter, 1:2 out.
BarnMini 08-1:4	Optical splitter, 1:4 out.
BarnMini 11	BNC TX/RX, SFP+ port for transceiver (TX/RX). Up to 12G SDI, incl. PSU
BarnMini 12	2 x SFP+ port for transceiver (TX/RX). up to 12G SDI, incl. PSU
BarnMini 22	2 x SFP+ port for transceiver (TX/RX), Ethernet port for monitoring and control. up to 12G SDI and 10G Ethernet, incl. PSU
BTF-Mini-16	2.5RU frame for housing of up to 16 BarnMinis, incl. PSU.

**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

** Other optical splitters on request.*

SFP - Initial selection

How to read a SFP label:

BTSFP-LX-SM-3G10 : **BTSFP** [barnfind SFP] –**LX** [nm=1310] –**SM** [single mode] –**3G** [max. data rate] - **10** [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. An optical budget loss 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	2.5Gbps	10km	1310nm	OC-48/STM-16 Multi-Rate
BTSFP-LX-SM-3G10	3Gbps	10km	1310nm	SDI,HD-SDI and 3G-SDI
BTSFP-ZX-SM-3G40	3Gbps	40km	1550nm	
BT-LX-SM-10G20	10Gbps	20km	1310nm	10G
BT-LX-SM-12G10	12Gbps	10km	1310nm	12G/6G/3G/HD-SDI

** 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-LX-MM-1G	1Gbps	2km	1310nm	Ethernet, MADI
BTSFP-MM-2G550	2Gbps	550m	850nm	SDI-HD
BTSFP-LX-MM-3G	3Gbps	300m	1310nm	3G
BTSFP-MM-10G550	10Gbps	550m	850nm	10G

SFP - BIDI Single Mode Transceiver modules

How to read a SFP label:

BTSFP-WDM-3G20A: **BTSFP** [barnfind sfp] –**WDM** [BIDI Module]–**3G** [max. data rate]**20** [max. transmitting distance in km]**A**[TX=1310nm]
 A: TX=1310nm
 B: TX=1550nm

Order Number	Max. Data Rate	Distance	nm	Compatible
BTSFP-WDM-0220A	1.25Gbps	20km	TX1310nm	
BTSFP-WDM-0220B			TX1550nm	
BTSFP-WDM-0340A	2.5Gbps	40km	TX1310nm	
BTSFP-WDM-0340B			TX1550nm	
BTSFP-WDM-3G20A	3Gbps	20km	TX1310nm	
BTSFP-WDM-3G20B			TX1550nm	

SFP - CWDM Single Mode Transceiver modules

How to read a SFP label:

BT-CWDM-10-3G29: BT [barnfind] -CWDM [CWDM Module] -10 [max. transmitting distance in km] -3G [max. data rate]29 [nm=1290]

Order Number	Max. Data Rate	Distance	nm	Compatible
BT-CWDM-40-02XX	1.25Gbps	40km	1270-1610nm	
BT-CWDM-40-03XX	2.5Gbps	40km	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 (currently does not support pathological pattern)	3Gbps	80km	1270-1610nm	
BT-CWDM-10-10GXX	10Gbps	10km	1270-1610nm	
BT-CWDM-40-10GX1 (1270-1450nm)	10Gbps	40km	1270-1450nm	
BT-CWDM-40-10GX2 (1470-1610nm)	10Gbps	40km	1470-1610nm	
BT-CWDM-10-12GX1 (1270-1430nm)	12Gbps	10km	1270-1430nm	
BT-CWDM-10-12GX2 (1450-1610nm)	12Gbps	10km	1450-1610nm	

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

How to read a SFP label:

BT-3G-29-H: BT [barnfind]-3G [max. data rate]-29 [nm=1290] H[higher range]

H: higher range

L: lower range

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	

Other SFPs

Order Number	Description
Video BNC Coaxial SFP	
EB30HDRT-MM	3G SDI SFP Coaxial transceiver, medium reach, MSA, HD-BNC
BT-BNC-12G	12G SDI SFP Coaxial Transceiver, Reclocked, MSA, Pigtail-BNC
EB12HDRT-MMR	12G SDI SFP Coaxial Transceiver, Reclocked, 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

EB34TD1T-SM	SDI to HDMI/DVI SFP Transmitter (emSFP), MSA, Type D with retention clip
-------------	--

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 SFP

BTSFP-Gbase-CU	10/100/1000 Mbit/s
----------------	--------------------

SDI to IP SFP

EB22LCSD-SM-2110D	2110 De-Encapsulation w/Ember+ (Single channel) SFP, MSA, Optical Transceiver, Multimode
EB22LCSD-SM-2110E	2110 Encapsulation w/Ember+ (Single channel) SFP, MSA, Optical Transceiver, Multimode

Stagebox: Break-Out Panel

Order Number	Description
BTSB-2RU	Barnfind stagebox frame with 10 available slots, 2RU. Includes 1 x BTSB-RJ45-LOGO (control interface).
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. Connector not included. 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. Connector not included. 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.
BTSB-NEUTRIK-NO CONNECTOR	Panel module for BTSB-2RU. Connector not included. Connector : Neutrik all connector types

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-SM-LC-05		Attenuator for Single-Mode LC connectors, 5dB
BT-ATT-MM-LC-10		Attenuator for Multi-Mode LC connectors, 10dB
BT-PA-LC/LC-SM-SX-0.5M		Fiber patch cables LC-LC, Single Mode, Simplex, other lengths on request 0,5m
BT-PA-LC/LC-SM-SX-3M		3m
BT-PA-LC/LC-SM-SX-5M		5m
BT-PA-LC/LC-SM-SX-10M		10m
BT-PA-LC/SC-SM-DX-2M		Fiber patch cables LC-SC, Single Mode, duplex, other lengths on request 2m
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
BT-HDBNC/BNC-0.14M	cable HD-BNC to BNC	BNC Jack to HD BNC (Micro) BNC Plug cable converter, Belden RG179DT. Cable length: 14cm, 12G
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 and BarnMini 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-BarnMini-EXTRA-3	Non-discountable

Barnfind offers on-site commissioning of products delivered by Barnfind which includes training, support and configuration

BC-DESIGN-HLP	Barnfind offer system design assistance upon agreement, charged by min. 3 hours. Non-discountable
BC-ONSITE-DAY	Per-day fee, excluding accomodation and transportation. Non-discountable