



The newest innovative "zero config" throw-down boxes for your signal transmission!

" Ditch the copper. Then reach out and get your super stage box started! "
- ref. Happy customer

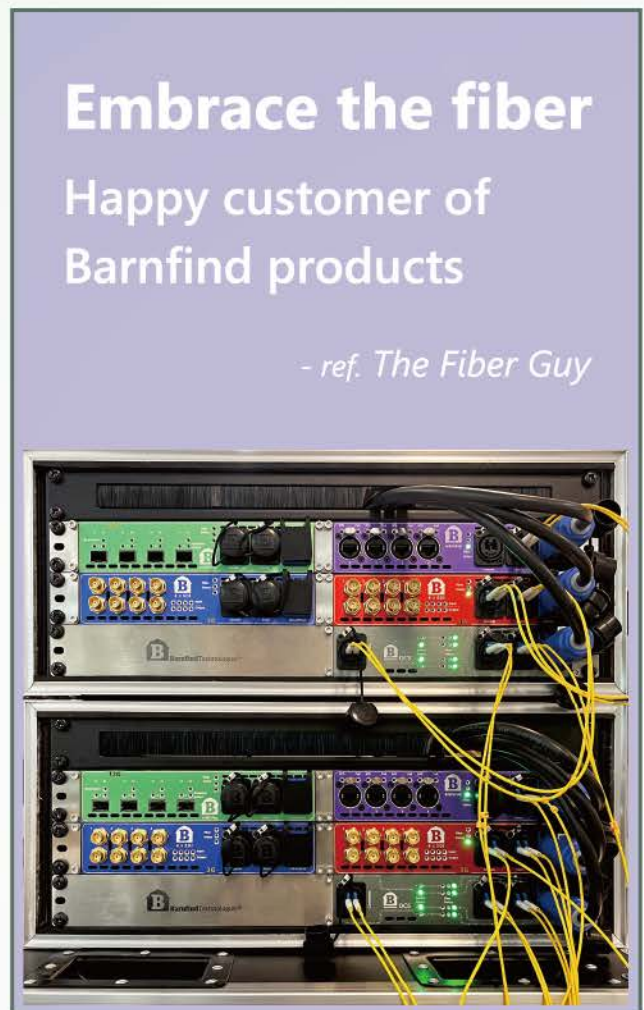
All signals, 1 x duplex SM fiber



- * **No latency**
- * **No compression**
- * **No license**
- * **No configuration**

The BarnColor series – *Simplicity to Perfection*

Each BarnColor model is available in a various different versions and can be cascaded maximum 4 units (colors) on each side. The BarnColor can be combined in **Any Variation** as long as color is different.



Designed to be a cost-effective solution for

- Sending and receiving multiple signals
- In both directions over an opticalCON DUO fiber cable or standard LC-LC fiber pair.

Simple to use - Easy to set up - We have taken all the complication away from fiber transport

— **No technical knowledge or experience required.**



Perfect for :

- SD, HD, 3G/12G-SDI
- MADI
- AES / EBU
- SDTI
- ASI

For more information:



Each BarnColor SDI pair handles up to 8 signals (4 forward and 4 returns). 4 different colors can be cascaded / daisy chained up to 32 x Signals (16 forward and 16 returns). Can be combined with any models in different colors.



BarnColor – 4xEth(1G)-PoE



Perfect for :

- Ethernet
- Audio (Dante, Ravenna et.)
- KVM
- NDI
- DMX
- PTZ
- ...Plus more

Designed to be a cost-effective and easy-to-deploy solution for transmitting multiple ethernet signals both directions on a single fiber pair. BarnColor allows you to handle up to **16 separate 1Gbit links**. Each BarnColor device handles up to 4 separate 1Gbit links and up to 4 different colors of BarnColors can be daisy chained. This flexible system is easy to install, upgrade and use. It is well suited for both fixed and temporary installations.

For more information:

- RJ45-Ports : 10Mbit/s – 100Mbit/s – 1000Mbit/s
- PoE : 15W per port
- Fiber Port : Neutrik opticalCON DUO LITE, also compatible with duplex LC



BarnColor – 4x10G SFP-Flex / 4x12G SFP-Flex



Examples of SFP selection:

- PtP (any wavelength)
- Multimode
- BNC-SFP
- HDBNC-SFP
- HDMI-SFP
- Analog Video-SFP
- IP encap / decap-SFP
- RJ45 for Ethernet

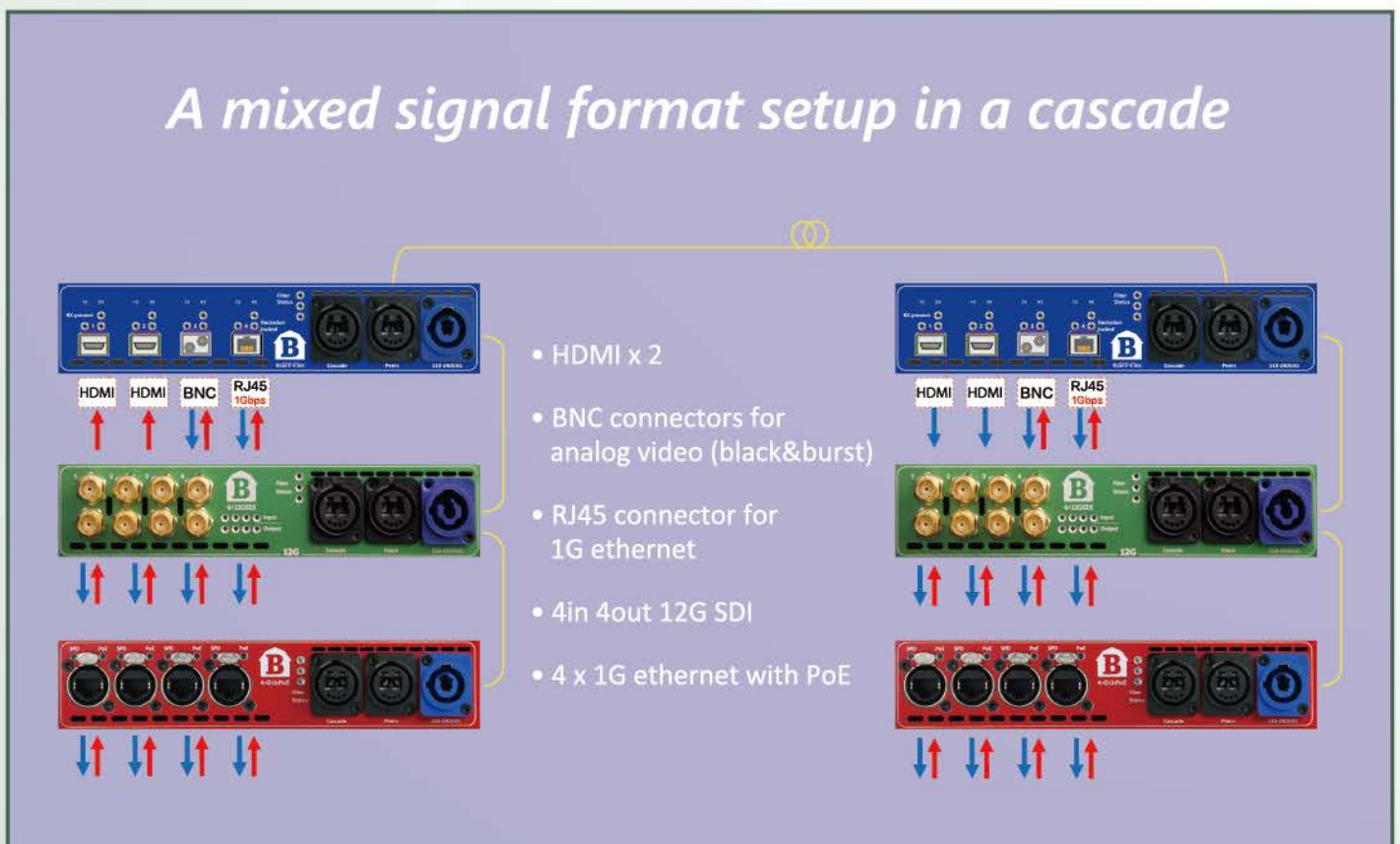
Insert any SFP and the signal will be converted and merged into the signal-stream along with all other signals from this and other cascaded units.

SFP availability in the marketplace is extensive and covers most of the needed signalformats. The 4xSFP-Flex are compliant with all these SFPs regardless of bandwidth, distance or wavelength. 4xSFP-Flex is also compliant with both multimode and singlemode SFPs.

For more information:



BarnColor-4xSFP-Flex are available in two different variants (10G and 12G)





BarnColor-Native-4k takes HDMI transport to the next level by delivering **uncompressed** signals over fiber up to 10km distance. This capability is crucial for event companies using large LED monitors, where any compression artifacts can significantly impact viewer experience. Each **BarnColor-Native-4k** unit transports **HDMI™** 1 x HDMI signal, and by cascading four different colors of **BarnColor-Native-4k**, users can transmit four **uncompressed** HDMI signals over an OpticalCon Duo or dual LC fiber cable. This innovation ensures pristine image quality, no matter the scale of the display.

BarnPalette* – MADI-8xLine



BarnPalette-MADI-8xLine offers a high-quality and robust solution for transporting analog audio over either fiber or copper. Compatible with the BarnColor system or as a standalone product, each unit features 8 analog inputs and 8 analog outputs, and multiple units can be inter-connected. Audio signals can be flexibly mixed and routed into a 64-channel MADI signal.

Adjustable input levels and **switchable phantom power** make these units ideal for demanding audio applications in live events and broadcasting.

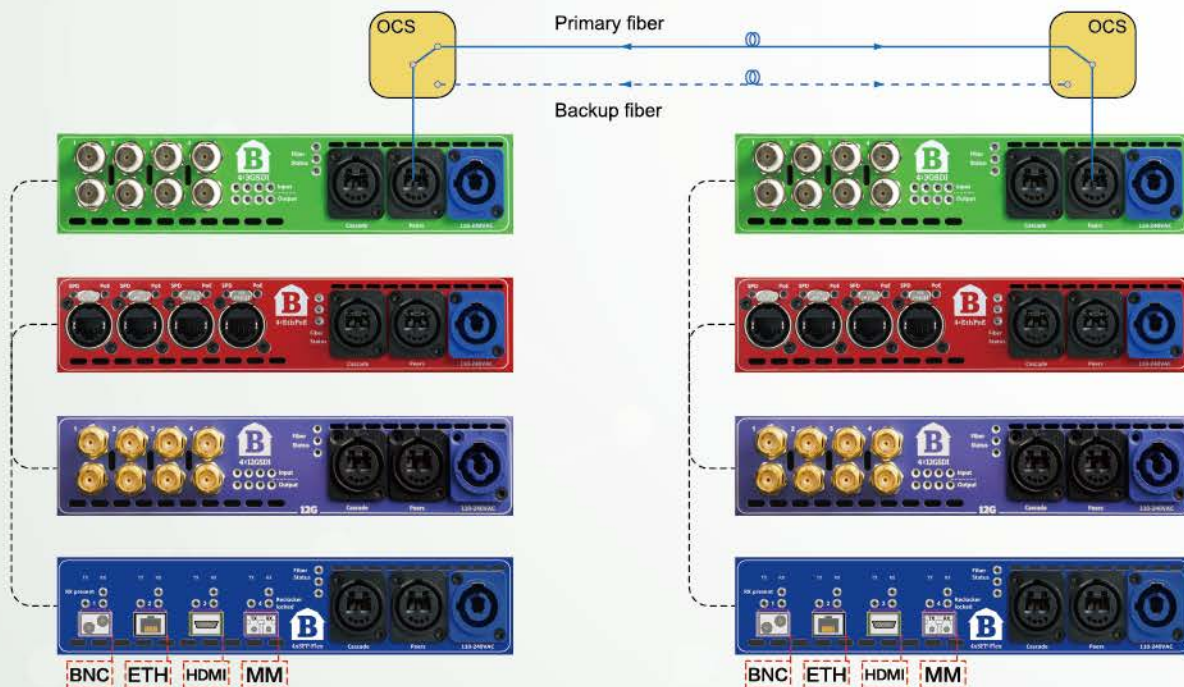
* *BarnPalette is a subcategory of BarnColor. By selecting a SFP with a color / frequency not used in BarnColor, these units can be cascaded into the same chain.*

Optical changeover for *bidirectional* signal transmissions



BarnPalette-OCS (Optical Changeover Switch) :

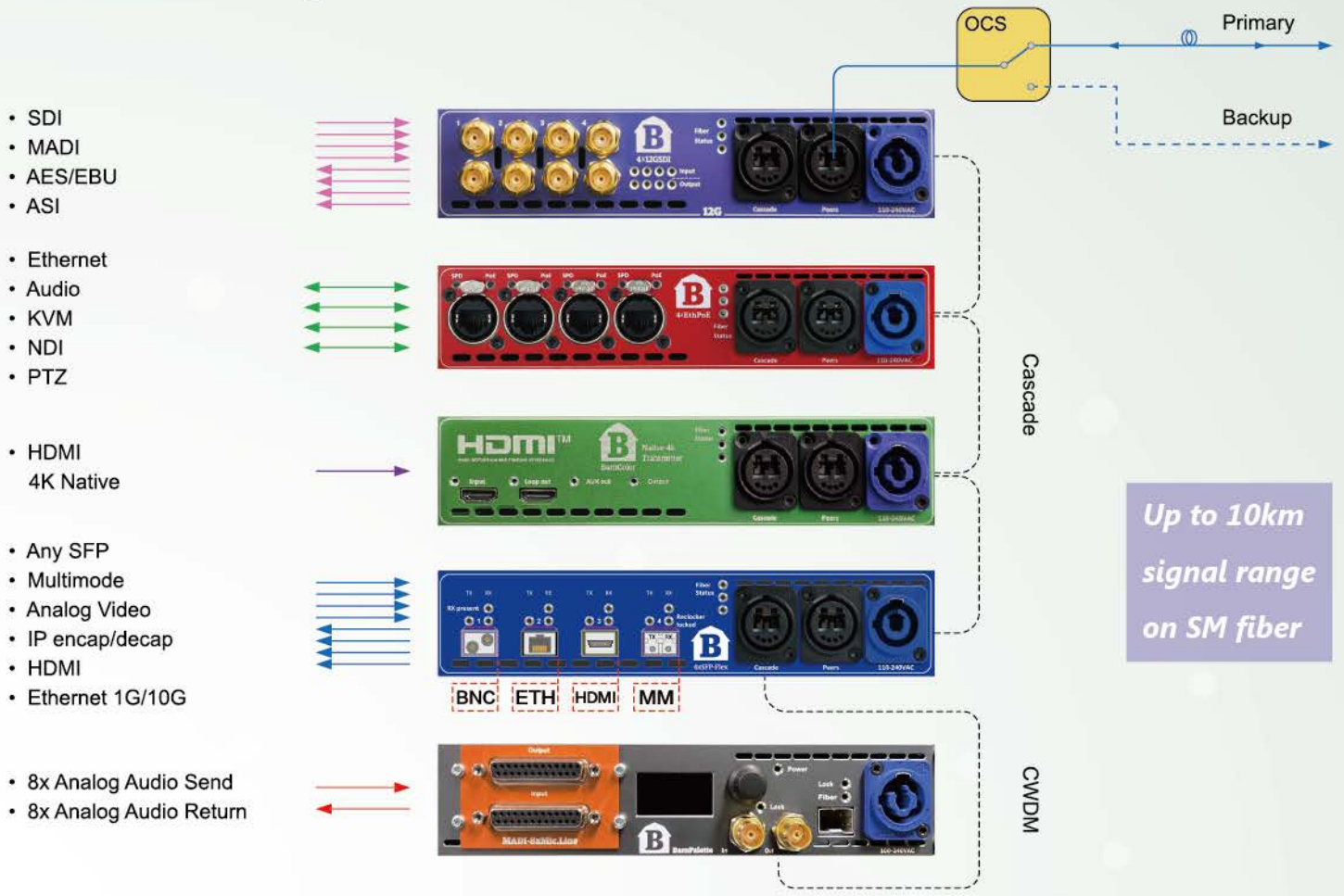
Ensure uninterrupted fiber connectivity in mission-critical applications. This system comprises two units connected by dual fiber strands—primary and backup. The OCS continuously monitors the primary fiber, instantly switching to the backup strand if any issues are detected. This ultra high-speed transition guarantees maximum uptime and reliability, making it an indispensable tool for any high-stakes environment.



“ The Barnfind team are always there with advice and technical support for whatever weird and wonderful demands our industry throws at us.”

- ref. James Paul, Stage Sound Services





- SDI
- MADI
- AES/EBU
- ASI

- Ethernet
- Audio
- KVM
- NDI
- PTZ

- HDMI
4K Native

- Any SFP
- Multimode
- Analog Video
- IP encap/decap
- HDMI
- Ethernet 1G/10G

- 8x Analog Audio Send
- 8x Analog Audio Return

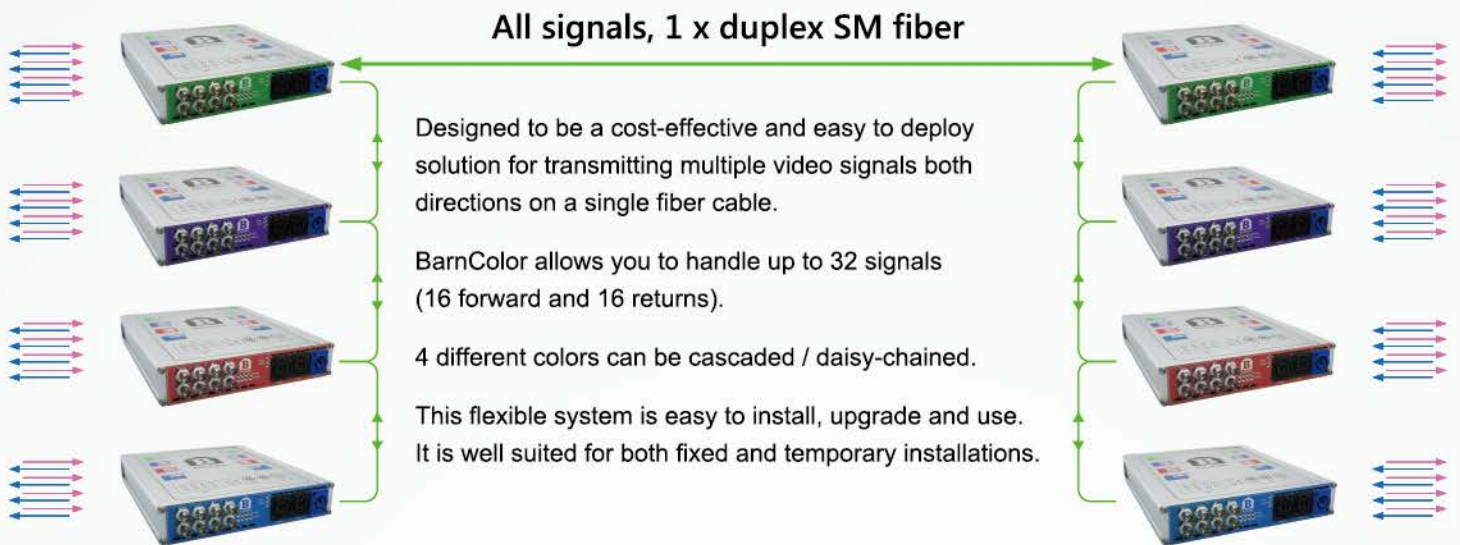
Accessories

- Brackets for interconnecting two units side-by-side (19#), and rack ears are always included.
- PowerCon: Neutrik PowerCon / Neutrik True1 (upon request)

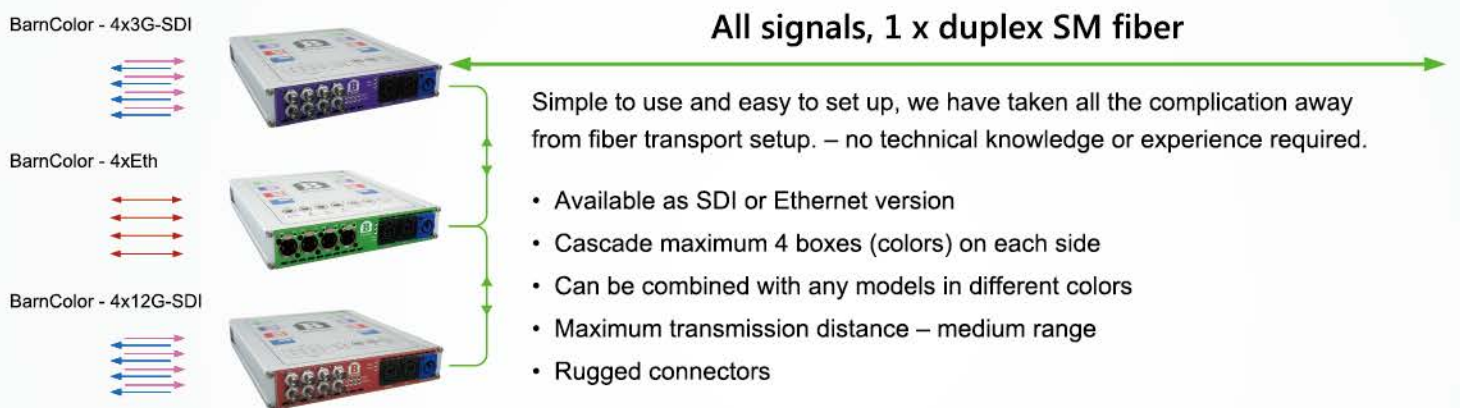
Additional parts available for order

	<p>BC-PowerCable-EU</p>	<p>EU standard, common for all models, rubber jacket Europe/Schuko (Hybrid CEE 7/7 plug) Length: 2M</p>
	<p>BC-PowerCable-US</p>	<p>US standard, common for all models, rubber jacket US (NEMA 5-15 grounded, Type B) Length: 2M</p>
	<p>BC-EXT-BRKT</p>	<p>extension bracket for single unit to be mounted on 1 RU-width.</p>

Maximum quantity per link...



... With a variety of signals...



... Combined with other product series!

