



Product Data Sheet

BarnColor 4xSFP-Flex (10G/12G)

Description

10G
BANDWIDTH
(12G ON REQUEST)



Examples of SFPs being used:

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

Designed to supplement the highly flexible BarnColor system, the new BarnColor 4xSFP-Flex provides 4 SFP transceiver cages on each unit and allows you to configure your BarnColor-Flex pairs with the signal processing SFPs needed for your unique application. Up to four different colour units can be cascaded to each other; the system supports up to 16 transceiver cages on each side and allows the transport of 32 signal feeds; 16 feeds forward and 16 returns. Can be combined with any models in different colours.

Both **MSA** and **non-MSA** SFP modules can be inserted into this BarnColor with the limitation that dual-TX and dual-RX models will operate in single-channel mode.

The BarnColor devices can be installed in coloured pairs or used as satellites together with a BarnOne system. If building a pure BarnColor system you can start with any colour-matching pair and extend the system later as your need expands. You can combine different models of BarnColors or use multiple of the same model in the same system as long as the colours are different.

It is recommended using single mode fibres when linking the BarnColor devices, however multimode fibres can be used for shorter distances (max 300 meters depending on the quality of the cable).



Product Data Sheet

BarnColor 4xSFP-Flex (10G/12G)

Part Numbers

Product	SKU
BARNCOLOR 4XSFP-FLEX (10G) – RED	RE-02-5308
BARNCOLOR 4XSFP-FLEX (10G) – GREEN	RE-05-5308
BARNCOLOR 4XSFP-FLEX (10G) – BLUE	RE-06-5308
BARNCOLOR 4XSFP-FLEX (10G) – PURPLE	RE-07-5308
BARNCOLOR 4XSFP-FLEX (12G) – RED	RE-02-5309
BARNCOLOR 4XSFP-FLEX (12G) – GREEN	RE-05-5309
BARNCOLOR 4XSFP-FLEX (12G) – BLUE	RE-06-5309
BARNCOLOR 4XSFP-FLEX (12G) – PURPLE	RE-07-5309

Technical Specification

BarnColor 4xSFP-Flex Specification

BNC-Ports:	Power plug:
SMPTE 258M, 292M, 372M, 424M, DVB-ASI, SMPTE ST-2081, (ST-2082 optional as 12G version), 1 Gbit/s Ethernet, 10 Gbit/s Ethernet	Neutrik powerCON 20 A
Multirate reclocking of outputs 270Mbps – 10Gbps (12Gbps optional as 12G version)	100-240VAC, 15Watt
Fibre port (Cascade and Peer):	Physical size:
Neutrik opticalCON DUO, also compatible with duplex Single Mode fibre LC-LC	223mm x 277mm x 44mm (8.8" x 10.9" x 1.7")
SMPTE 297M	1.4 kg