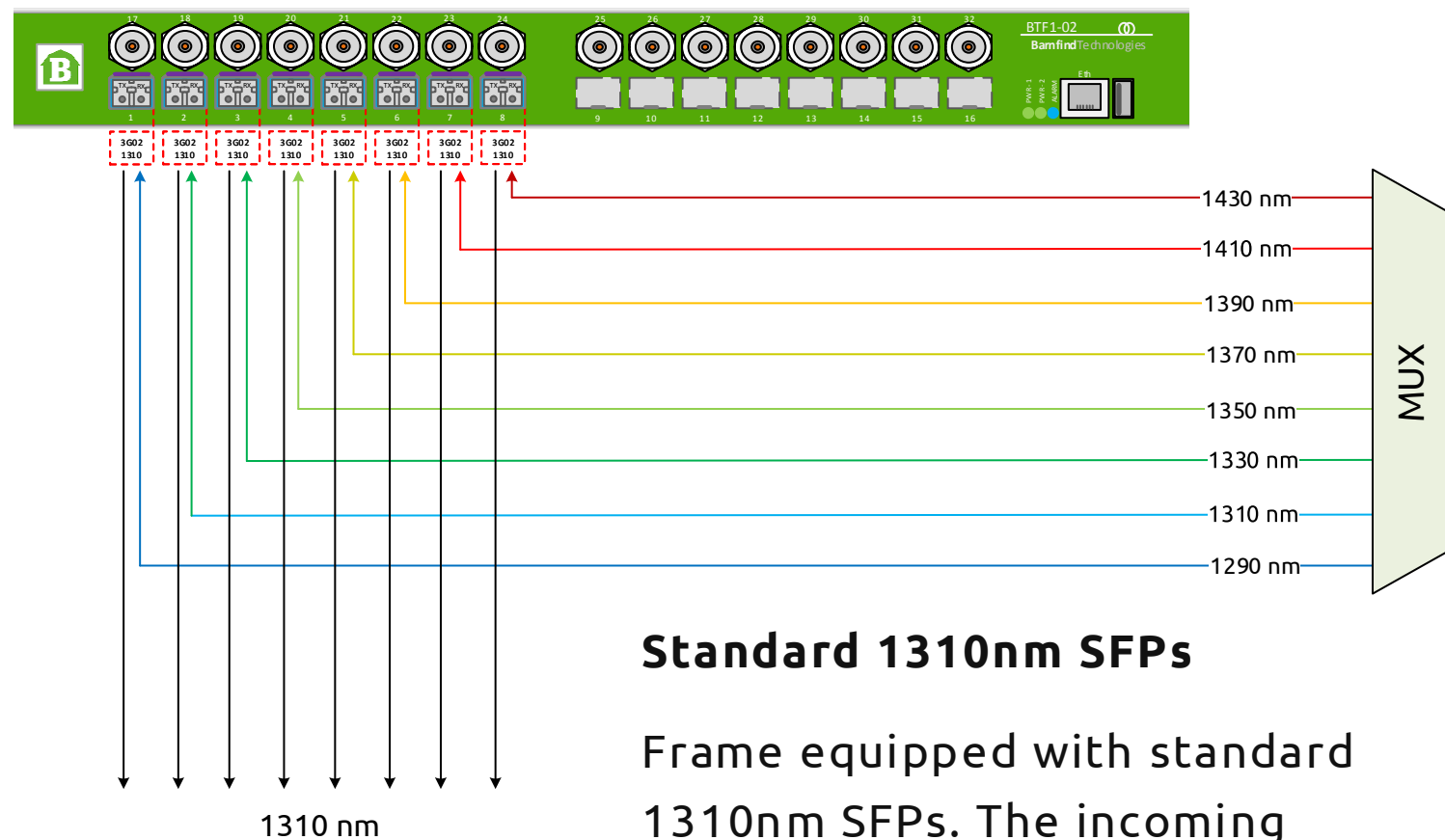


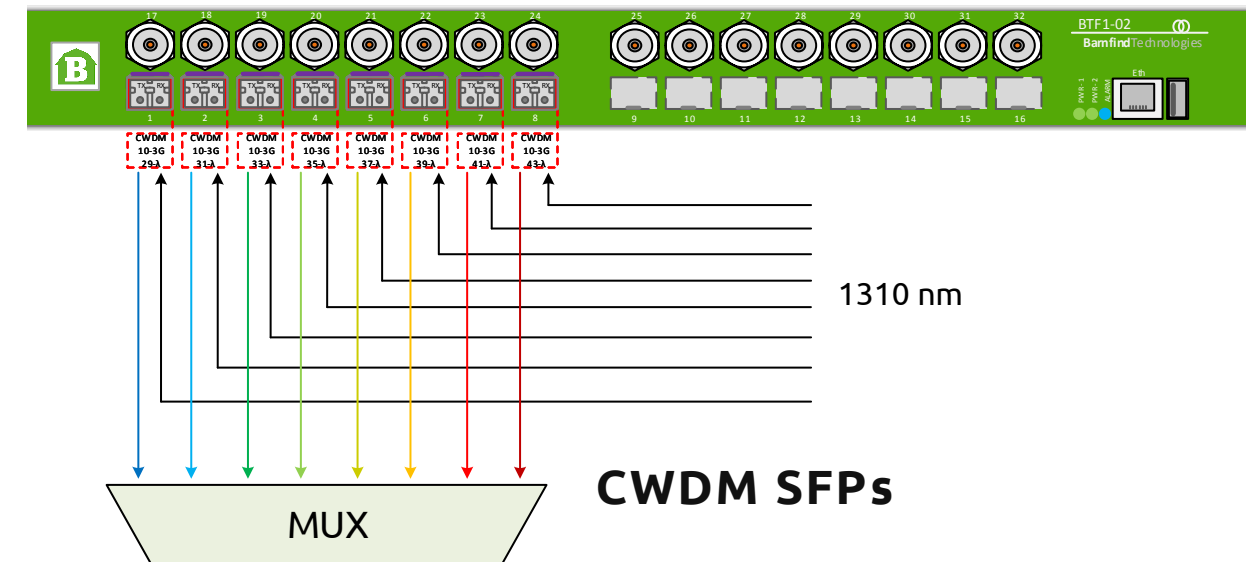
Color Converting

1310nm, and sometimes 1550nm are common used wavelengths on equipment with fixed (non SFP) optical transmitter and receiver. You will find it on RS-protocols to fiber converters, Intercom systems, HDMI extenders, optical routers, MADI devices and many more. The example below describes how we can convert 1310, 1550 or any other wavelengths into CWDM.



Standard 1310nm SFPs

Frame equipped with standard 1310nm SFPs. The incoming optical signal has a different color on each channel. SFP receivers are universal for all colors. All signals with different colors are converted to 1310nm at the outputs of the BarnOne frame.



CWDM SFPs

Frame equipped with CWDM SFPs. The incoming optical signal is 1310 nm on all channels. The signals are routed to an output with colored light. Each CWDM-SFP has a specific color on the transmitter.