

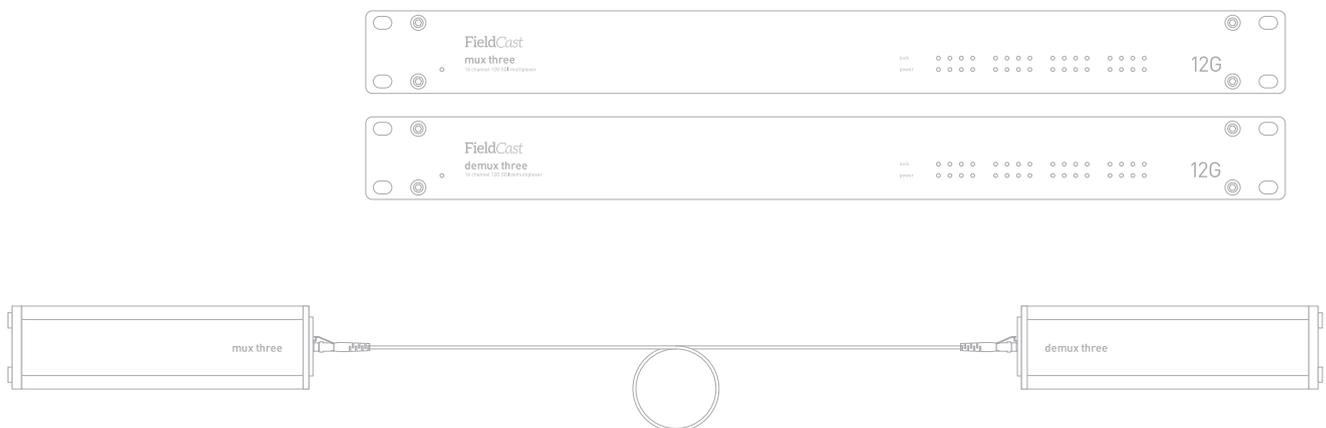
# mux three 12G / demux three 12G

Mux Three 12G and its twin brother Demux Three 12G allow you to transport sixteen independent channels of 12G SDI video over just one single mode fiber optic channel.

Is your infrastructure such that you have limited access to individual fiber optic connections, Mux Three and Demux Three can help you to run multiple channels of video without the need for separate cables.

Or else, do you want to roll out a minimum number of cables in live events environments, just use Mux Three and Demux Three, multiplex up to sixteen channels of video and get them from A to B using only one strand of fiber!

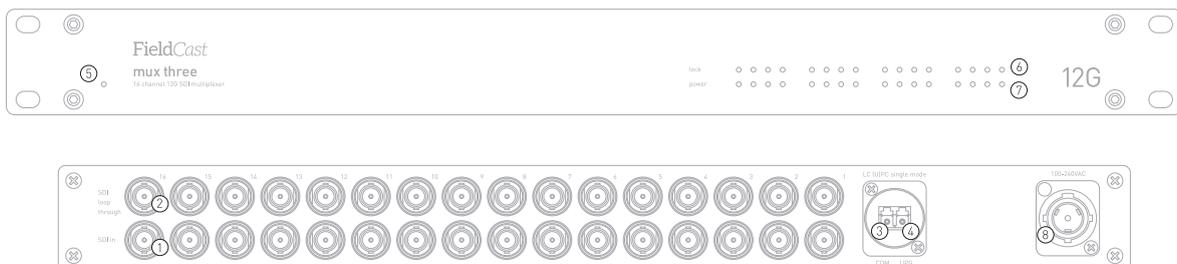
No hidden processing involved! All 12G video signals preserve full data integrity! What goes in comes out, unchanged.



## specifications

# mux three 12G

- 16 channel SDI input to 1 channel fiber optic output multiplexer
- 1RU all aluminum enclosure design
- 9/125 single mode fiber optic technology
- sixteen 12G (11.88 Gb) SDI input channels (1), each with SDI loopthrough (2)
- 75ohm BNC connectors for all SDI inputs and loopthrough outputs
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M, SMPTE 424M, SMPTE ST 2081 and SMPTE 2082
- accepts all SD, HD and UltraHD standards up to 2160p60
- one LC single mode (U)PC fiber optic (COM) channel (3)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (4)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (5)
- sixteen led indicators for channel module activity (6)
- sixteen led indicators for SDI signal input activity (7)
- power consumption ← 50W
- proprietary hybrid WDM multiplexing technology for ultra low dispersion
- minimum distance between Mux and Demux unit → 10km. for all wavelengths
- 110-240VAC input with PowerCon connector (8)
- dimensions: 482(W) x 155(D) x 43(H) mm.
- weight: 2070 grams, total weight boxed product: 2200 grams
- comes with manual and local power cord



## specifications

# demux three 12G

- 1 channel fiber optic input to 16 channel SDI output demultiplexer
- 1RU all aluminum enclosure design
- sixteen 12G (11.88 Gb) SDI channels with dual SDI output (1)
- 75ohm BNC connectors for all SDI outputs
- complies with SMPTE 259M, SMPTE 344M, SMPTE 292M, SMPTE 424M, SMPTE ST 2081 and SMPTE 2082
- accepts all SD and HD standards up to 1080p60
- 9/125 single mode fiber optic technology
- one LC single mode (U)PC fiber optic (COM) channel (2)
- one LC single mode (U)PC fiber optic upgrade (UPG) channel (3)
- black front panel with 2mm. warm white led indicators
- one led indicator for power (4)
- sixteen led indicators for channel module activity (5)
- sixteen led indicators for fiber optic signal input activity (6)
- power consumption ← 50W
- proprietary hybrid WDM multiplexing technology for ultra low dispersion
- minimum distance between Mux and Demux unit → 10km. for all wavelengths • 110-240VAC power input with PowerCon connector (7)
- dimensions: 482(W) x 155(W) x 43(H) mm.
- weight: 2100 grams, total weight boxed product: 2200 grams
- comes with manual and local power cord

