

FieldCast



FieldCast Converter Three Datasheet

- data rate: 270Mb/s to 12Gb/s
- auto selection to input data rate
- compliant to all SD, HD, 2K, UltraHD and DCI 4K standards
- SDI video sampling: 4:2:2 and 4:4:4
- SDI color space: 4:2:2 and 4:4:4
- SDI audio sampling: 44kHz and 48kHz, 24bit
- SDI input with reclocked loopthrough
- double SDI output
- fiber out power: 3G -8 to -3 dBm, 12G -3 to 0 dBm;
- transmission wavelength: 1310 nm
- receive wavelength: 1290 nm to 1610 nm.
- fiber in sensitivity: 3G better than -20dBm, 12G better than -13dBm
- power input over hybrid cable: 14 to 40VDC
- power output over connector: 12VDC, 45W max.
- power consumption: < 3W
- led indication: valid power input, valid power output, SDI input, fiber input, data rate (3G, 6G or 12G)
- 75ohm BNC connectors (SDI in, SDI loopthrough, 2x SDI out)
- compact hybrid fiber connector (2x fiber, 2x copper)
- robust 2W2 power output connector
- stainless steel 14"-20 insert
- 2W2 to XLR 4-pin cable for powering external gear

the fiber optic system

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