

FieldCast



Datasheet FieldCast Converter Three Hybrid

- two channel converter: SDI to fiber / fiber to SDI
- 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 in to fiber out: one input with reclocked loopthrough output
- SDI out from fiber in: double output
- fiber receive wavelength: 1290 nm to 1610 nm.
- fiber in sensitivity: 3G better than -20dBm, 12G better than -13dBm
- fiber transmit wavelength: 1310 nm
- fiber out power: 3G -8 to -3 dBm, 12G -3 to 0 dBm;
- led indication: valid power input, SDI input, fiber input, data rate (3G, 6G or 12G)
- SDI connector: 4x 75ohm BNC connector for SDI in, SDI loopthrough and 2x SDI out
- fiber connector: hybrid ultra compact with 2Core single mode for fiber in, fiber out, two copper pins for DC+ and DC-, screw on type
- power input: 14-38VDC
- power input connector: hybrid fiber connector
- power output: 12VDC
- power output connector: cylindrical 5.5 mm., screw on type
- power output connector cable: cylindrical 5.5 mm. screw on type to XLR 4-pin female, 2 m.
- power consumption: < 3W
- stainless steel 14"-20 mounting plate

the fiber optic system

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