

690R

2x3G SDI Receiver over Ultra-Reach SM Fiber

| 3G HD-SDI - BNC



The 690R is a high-performance fiber optic receiver for SDI video signals up to 3G HD-SDI. The 690T converts two 3G HD-SDI signals to single-mode fiber optic and the 690R receiver converts them back to the two original SDI formats. Compatible with the fiber optic matrix VS-88FO

FEATURES

Max. Data Rate - 3Gbps

Inputs - 2 single-mode fiber optic on LC connectors

Outputs - 2 SDI on BNC connectors

HDTV Compatible

Multi-Standard Operation - SDI (SMPTE 259M and SMPTE 344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M)

Laser Standards Compliance - IEC 60825-1, FDA 21CFR1040; Laser Class 1: Safety of laser products

Kramer Equalization & re-Klocking[™] Technology - Rebuilds the digital signal to travel longer distances on the coax cable, 200m (HD-SDI) & 100m (3G HD-SDI)

System Range - Up to 10km (6.2mi)



TECHNICAL SPECIFICATIONS

| INPUTS: | Dual single-mode fiber (9/125) over LC connectors |
|------------------------------|--|
| OUTPUTS: | 2 SD/HD/3G HD-SDI on BNC connectors |
| BANDWIDTH: | Supports up to 3Gbps bandwidth for each input |
| FIBER OPTIC EXTENSION: | Up to 10km (>6.2 miles) for 3G-SDI |
| INPUT CABLE EQUALIZATION: | 200m for SDI, 100m for 3G-SDI |
| POWER CONSUMPTION: | 5V DC, 350mA |
| OPERATING TEMPERATURE: | 0° to +40°C (32° to 104°F) |
| STORAGE TEMPERATURE: | -40° to +70°C (-40° to 158°F) |
| HUMIDITY: | 10% to 90%, RHL non-condensing |
| INCLUDED ACCESSORIES: | Power supply |
| Product Dimensions | 6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96") W, D, H |
| Product Weight | 0.1kg (0.2lbs) approx |
| Shipping Dimensions | 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94") W, D, H |
| Shipping Weight | 0.5kg (1.1lbs) approx |
| | |

