

BKM-243HS

HDSDI/4:2:2 SDI Input Adaptor



Overview

HDSDI/4:2:2 SDI Input Adaptor

HD SDI & SDI Input Adaptor providing video input and output connectors for the main unit and a decoder for HD/D1 serial digital component signals. Features Decoder for serial digital component signals. Serial digital input and output signal connector.

Specifications

Input

SDI Input

BNC (x2)
Input impedance: 75 ohms
unbalanced
Sampling frequency
HD-SDI:
Y/Cb/Cr 74.25 MHz/37.125
MHz/37.125 MHz
SD-SDI:
Y/Cb/Cr:13.5 MHz/6.75 MHz/6.75
MHz
Quantization

HD-SDI: 10 bits/sample
SD-SDI: 10 bits/sample

Output

SDI Output

BNC (x1) (monitor output) *1
Output signal amplitude: 800 mVp-p $\pm 10\%$
Output impedance: 75 ohms unbalanced
Transmission distance
HD-SDI: 100 m (approx.328 ft) max. *2
SD-SDI: 200 m (approx.656 ft) max. *3

General

Voltage

+3.3 V, +5 V DC (supplied from the main unit)

Power Consumption

Approx. 2.0 W

Operating Temperature

0°C to 35°C
(Recommended: 20°C to 30°C)
32°F to 95°F
(Recommended: 68°F to 86°F)

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|--------------------------------------|---|
| Operating Humidity | 0% to 90% (no condensation) |
| Storage/Transport Temperature | -20°C to +60°C -4°F to +140°F |
| Storage/Transport Humidity | 0% to 90% |
| Operating/Storage/Transport Pressure | 700 hPa to 1060 hPa |
| Dimensions (W x H x D) *4 | 100 x 20 x 162 mm 4 x 13/16 x 6 1/2 inches |
| Mass | Approx. 250 g Approx. 8.8 oz |
| Supplied Accessories | Operating Instructions (1) |

Notes

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| Note | <p>*[1] The signal from the monitor output</p> <p>*[2] When using 5C-FB coaxial cables (Fujikura or equivalent).</p> <p>*[3] When using 5C-2V coaxial cables (Fujikura or equivalent).</p> <p>*[4] The values for dimensions are approximate.</p> |
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Gallery



