



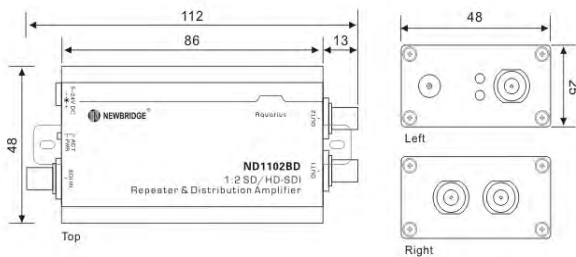
Newbridge ND1102BD SD/HD-SDI 1:2 Repeater & Distribution Amplifier is a 1 to 2 repeater and distribution amplifier with Re-clocking function. It receives one SDI input and perfectly duplicates it. Then it re-transmits two SDI outputs for real time multi-viewing. It is a reliable video device splitting a SDI or HD-SDI video source to two HD-SDI or SD-SDI displays at the same time and takes one input then re-clocks and equalizes the signal and distributes it to two identical outputs.

ND1102BD SD/HD-SDI Repeaters

Features

- SDI Standard: HD-SDI, SD-SDI
- Data Rates: 270Mbps/1.485 Gbps
Signal Type: SMPTE 292M, SMPTE 259M
- Two separately buffered outputs
- Cable equalization (Belden 1694A) retiming and signal
- Re-clocking function capability - unlimited repeater connection
- Dual color LED indication of nput lock and rate
- Pass all ancillary data
- 5V~24V DC

Dimensions



Specifications

Model	ND1102BD
Re-clocking Function	Yes
SDI Standards	SD-SDI, HD-SDI
HD/SD-SDI Detection	Auto
Data Rates	270 / 1483 / 1485 Mbps
Video Support	[HD] 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 [SD] NTSC@59.94Hz, PAL@50Hz
SDI Signal Type	SMPTE-292M, SMPTE-259M
Output Impedance	75 ohms
Max. Distance	Belden 1694A SD-SDI 400m / 1300ft ; HD-SDI 200m / 600ft
Audio Support	Yes
Input	1x BNC [SDI]
Output	2x BNC [SDI]
BNC Connector	75 ohms inter-locked socket
Power Consumption	2~4 Watts
Relative Humidity	20~90% RH (no condensation)
Dimension	112 x 48 x 25mm/4.40 x 1.89 x 0.98 inches
Weight	120g

Order Information

Part No	Description of product	Unit
ND1120BD	1X2 SD/HD -SDI Repeaters	pcs

Application Diagram

