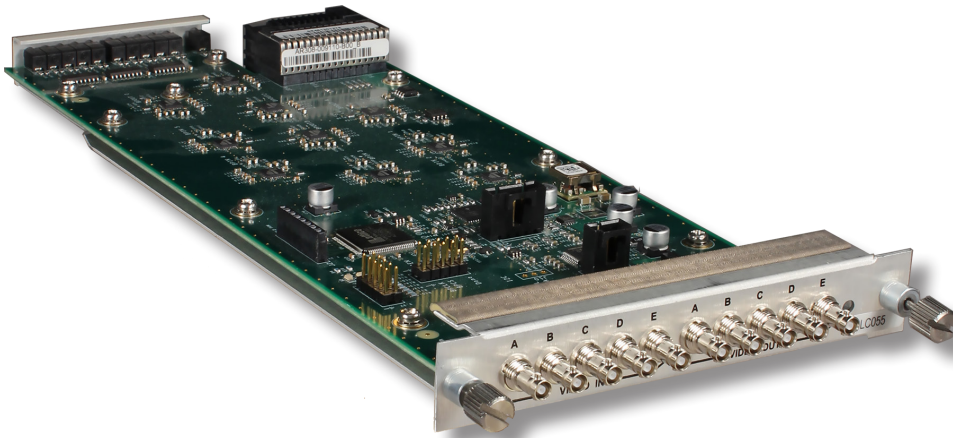




InfinityLink ILC055

10 Port HD-BNC Expansion Module



The ILC055 provides flexible video inputs and outputs as well as distribution amplifier capabilities to InfinityLink.

A ILC055 supports five independent inputs as well as five outputs for each slot in a IL6000 chassis. Each port is independent, supporting all standard video formats from 3G-SDI to ATSC. To ensure video quality and integrity all outputs are re-clocked.

Using InfinityLink Manager, each ILC055 input can be selected as a signal source for any module in any slot including its own outputs

facilitating a complete video router and distribution amplifier function. The ILC055 outputs can be used to select signals from other ILC055 inputs or from function modules in others slots to provide additional outputs, monitor outputs and test points. The five HD-BNC outputs are source from the IL6000 20x20 internal switch providing dozens of re-clocked electrical outputs for DA applications.

FEATURES

Multi-Port Video I/O

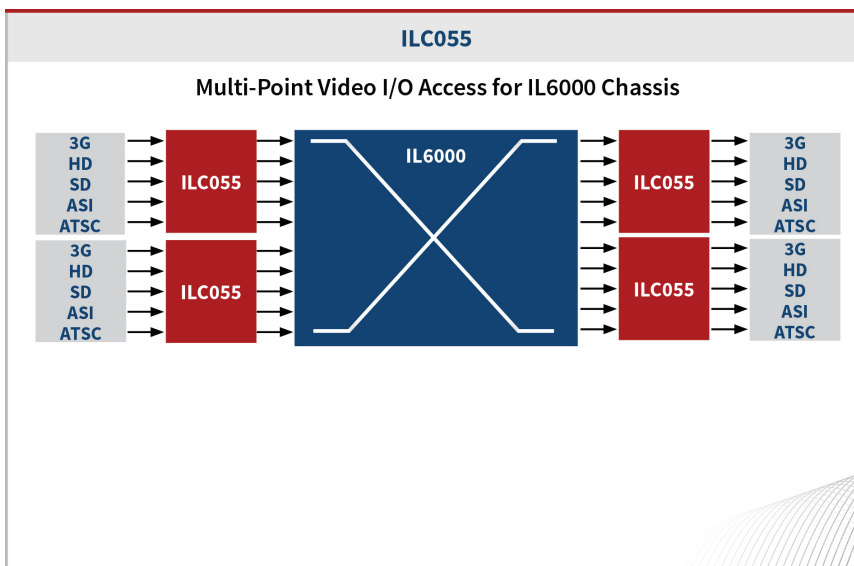
- Five HD-BNC inputs
- Five HD-BNC outputs

Formats supported

- 3G-SDI (SMPTE 424M)
- HD-SDI (SMPTE 292M)
- SD-SDI (SMPTE 259M)
- ATSC (SMPTE 31.0M)
- SDTI (SMPTE 305M)
- DVB-ASI

Reclocked outputs minimize jitter

Front panel status LEDs



SPECIFICATIONS

Environmental

Operating Temperature	0 to 50°C
Ambient storage temperature	-40 to 80°C
Relative humidity	10 to 95% (non-condensing)
Power dissipation	< 8 Watts

Physical

Dimensions	0.8" x 5" x 10.8" 1 slot in InfinityLink chassis
Weight	<2 pounds, (1kg)

Video Interface

Signal Formats	3G-SDI (SMPTE 424M) HD-SDI (SMPTE 292M) SD-SDI (SMPTE 259M) SDTI (SMPTE 305M) DVB-ASI
Rates	270 Mb/s ±100ppm 1.485 Gb/s ± 100 ppm 1.485/1.001 Gb/s ± 100 ppm 2.970 Gb/s ± 100 ppm 2.970/1.001 ± 100 ppm Other rates passed in bypass mode

Electrical Interface

Input	Rear (5) HD-BNC 75 Ohm
Output	Rear (5) HD-BNC 75 Ohm
Return Loss	>15 dB, 5-1485 MHz >10 dB 1485-2970 MHz
Cable Equalization for Belden 1694A type cable:	0 to 250 meters (270 Mb/s) 0 to 100 meters (1.485 Gb/s) 0 to 100 meters (2.967 Gb/s)

Regulatory Conformance

Compliance:	CSA 60950, EN60950, EN55022 FCC Part 15 (Class A), CISPR 22
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UPDATED 07/07/2017

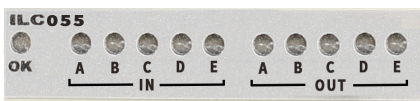
All specifications subject to change without notice. ©2017



Schedule
Contract GS-03F-016CA

Ordering Information

Model	Description	Part #
ILC055	10 Port HD-BNC Expansion Module	390-007110-00



ILC055 front panel status LEDs



ILC055 rear panel video I/O and status LED

Sales



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