



ORION TELECOM NETWORKS INC.

E1 - 75 Ohms Patch Panel 16 Port High Impedance (Hi-Z) Monitoring (75 Ohms Version)

Data Sheet & Product Brochure

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E1, 75 Ohms, 16 Port High Impedance Monitoring Patch Panel (75 Ohms Version)

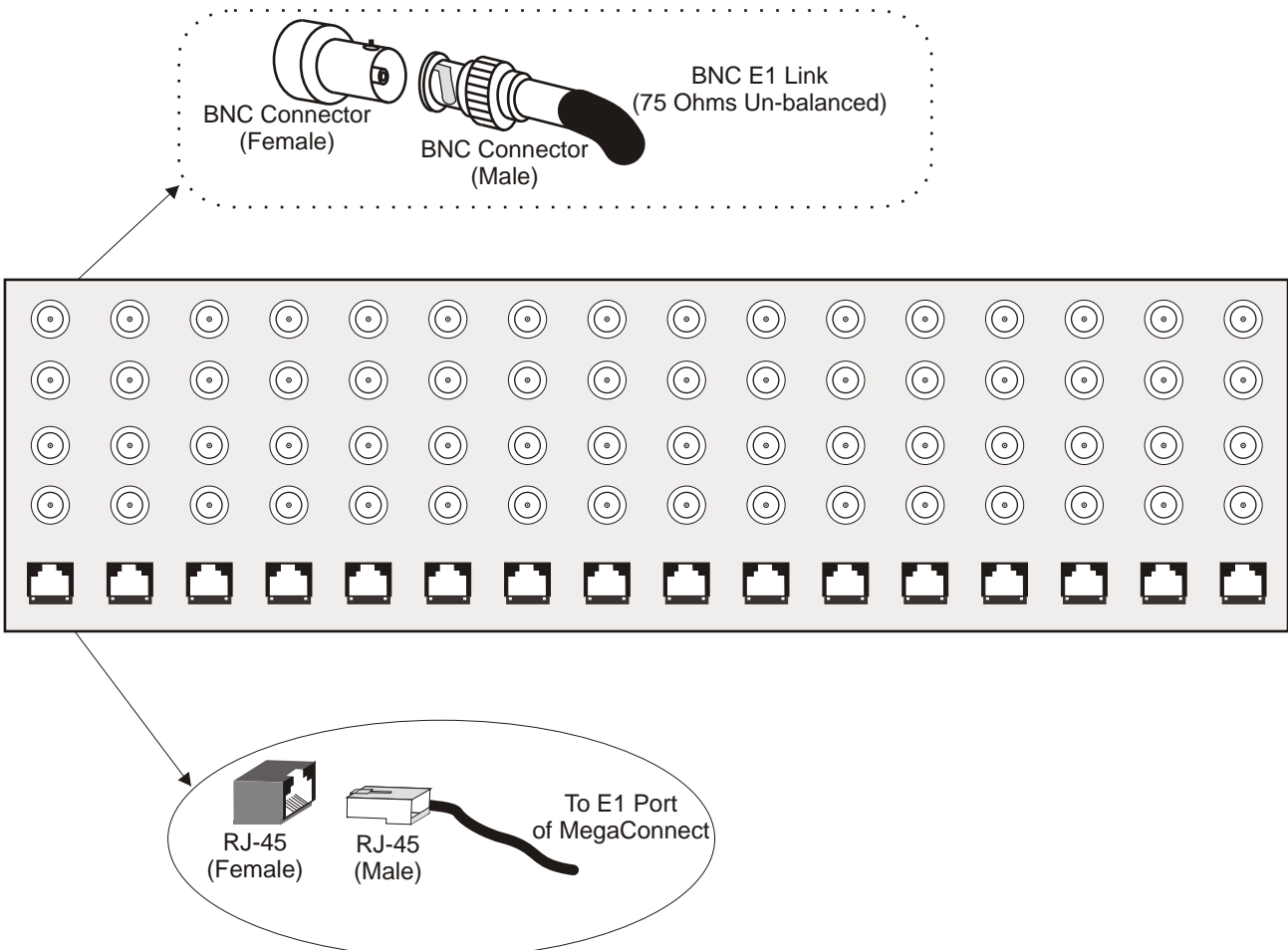
E1, 75 Ohms, 16 Port High Impedance Monitoring Patch Panel - What is it used for?

The E1, 75 Ohms, 16 Port High Impedance Monitoring Patch Panel is primarily designed for applications where E1 circuits are required to be “patched” as well as simultaneously “tapped” for non-intrusive monitoring applications.

Application - Where is it used?

The E1, 75 Ohms, 16 Port High Impedance Monitoring Patch Panel is primarily designed to patch up to 16, E1 circuits. It also, simultaneously, provides up to 16 high-impedance (Hi-Z) outputs on it's monitoring (MON) port(s) from which, both the transmit (Tx) and the receive (Rx) signals of the patched E1 link can be “tapped non-intrusively” (i.e without disturbing or loading the active E1 link(s) in any manner, and connected to E1 Groomers, Probes or Analysers.

E1 - 75 Ohms Patch Panel with Monitoring Port E1 - 75 Ohms Patch-Panel is used for E1 Patching and Monitoring Application.



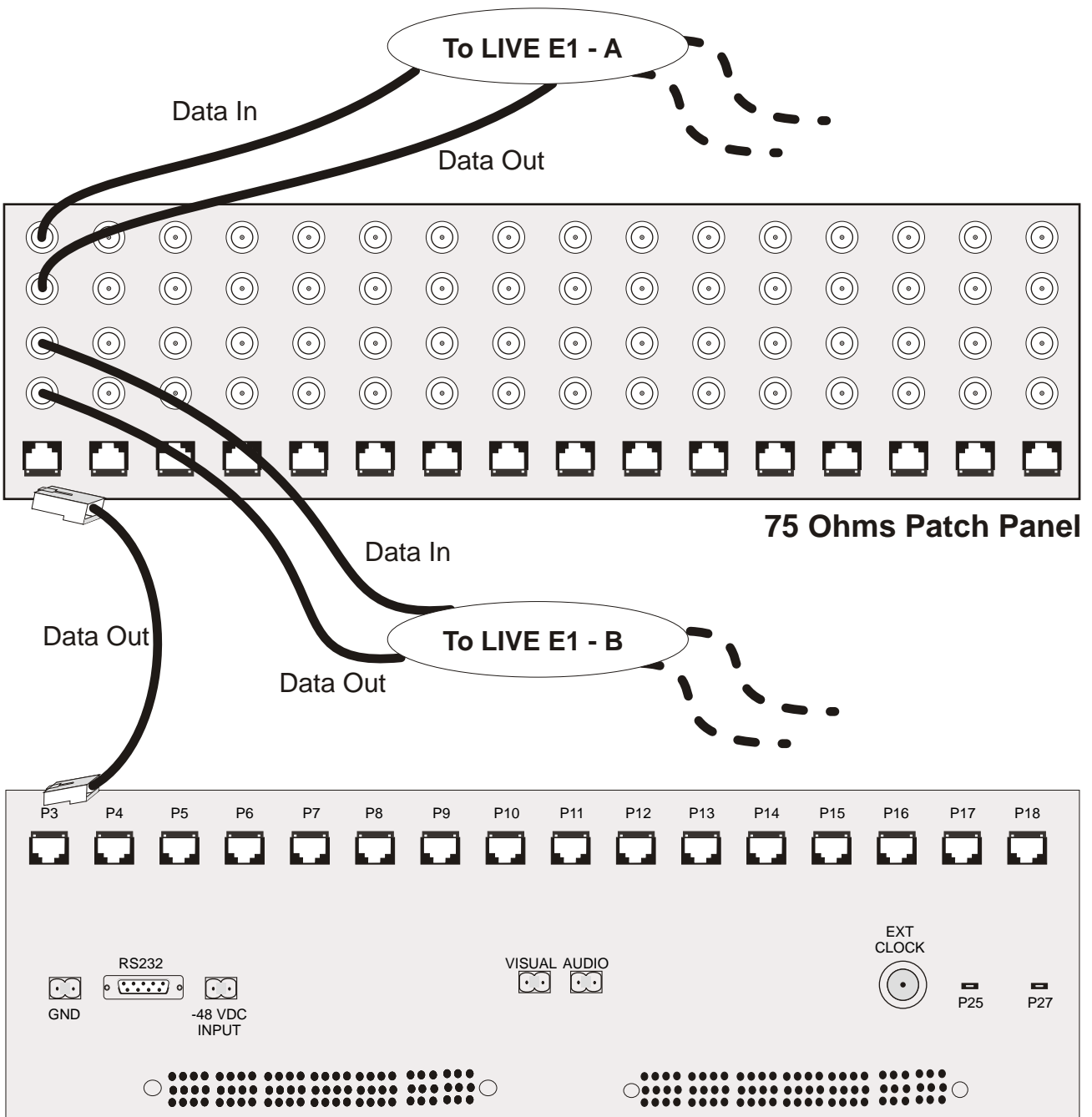
E1 - 75 Ohms Patch Panel with Hi-Z Monitoring Port

VCL 75 Ohms Patch Panel with Hi-Z Monitoring Port is used for E1 Monitoring Application.

The BNC Connector is used for Data IN/Data OUT from the 75 Ohms E1 links which are required to be monitored.

Data IN of Patch-Panel (BNC) will be connected to Transmit/Data OUT of E1 Port.
Data OUT of Patch-Panel (BNC) will be connected to Receive/Data IN of E1 Port.

Connecting the “Monitoring” (high impedance) E1 Port on the E1 (75 Ohms) Monitoring Patch Panel to the E1 Groomer, Probe or Analyser



Mechanical Specification

Rack Mounting	Standard 19 Inch. DIN Rack
Height	90 mm.
Width	45 mm.
Length	485 mm. (with mounting brackets)
Weight	1.4 kg.

Ordering Information

16 x E1 - 75 Ohms Patch Panel			
S.No.	Part #	Product Description	Qty
1.	VCL-1230-MON-075-BNCF-16	16 x E1, 75 Ohms BNC (F) High Impedance (Hi-Z) Monitoring Patch Panel, - 32 x BNC (F) [To LIVE E1 - A (Data In / Data Out)] - 32 x BNC (F) [To LIVE E1 - B (Data In / Data Out)] - 16 x RJ45 (F) [To MONITORING GROOMER] 19" Shelf 3U High Mount Version with Hardware Set [BNC / RJ45 cables not included]	1

Technical specifications are subject to changes without notice.
 Revision 08 - March 29, 2014

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