



TECHNICAL BULLETIN

L-BAND SWITCH MATRIX 16x8

E12655-01-04

Rev.A

The unit operates at intermediate frequency stage, in uplink and in downlink paths and it is designed to commutate data/voice links from (to) the Modems to (from) the available RF channels and satellite antennas.

The unit consists of a bidirectional 16/8 in/out switching matrix.

When 16 inputs and 8 outputs are considered, each input can be directed to any output, or more inputs can be directed to a single output at the same time.

When 8 inputs and 16 outputs are considered, each input can be directed to any output, or a single input can be directed to more outputs at the same time.

The Control Module interfaces the equipment in order to provide the remote control capability.

Two Power supply modules are available in redundant configuration.

Parameter	Values		Units
Frequency Range	800 ÷ 2200	min	MHz
Return Loss	-15	max	dB
Insertion Loss	-18	min	dB
Input/Output Imped.	50	nom	Ω
Isolation Input/Output	80	min	dB
Isolation Input/Input (same combiner)	20	min	dB
Weight	35	N.A.	Kg

Front Panel Outline



ELMACOM srl

Via Tiburtina Km 18.300 00012 Setteville di Guidonia, Rome - Italy

Phone: +39 (0774) 379296 Fax: +39 (0774) 353442

E-mail : info@elmacom.com Website : www.elmacom.com

Part of Sematron Group

