

SAGEMCOM

ADR155c MULTI-SERVICE NG SDH PLATFORM

- STM-1 Add- Drop Multiplexer
- Flexible, scalable and protected platform
 - Transport of Ethernet over SDH (E.O.S) with advanced Layer 2 Features
- Very compact and easy to use solution.



SAGEMCOM INTRODUCES ADR155C, STM-1 MULTI-SERVICE PLATFORM WHICH OFFERS A LARGE VARIETY OF INTERFACES, FROM E1, E3/DS3 TO ETHERNET, FAST ETHERNET AND GIGABIT ETHERNET. IT OFFERS ENHANCED ETHERNET OVER SDH FEATURES WITH ADVANCED LAYER 2 SWITCH.

ADR155c addresses operators, mobile backhauling networks and private networks. It is a very successful equipment with more than 60.000 units delivered all over the world. As a very compact, flexible and easy to use product, it is deployed in many different applications from operators networks, mobile networks, DSLAM networks, private networks, microwave networks, complex data networks...



ADR155c is part of Sagemcom SDH family which also includes ADR622, STM-1/STM-4 A.D.M., ADR2500 eXtra, STM-4 / STM-16 A.D.M. and ADR10000, STM-16 / STM-64 A.D.M. This range is managed by IONOS-NMS, our network Management System which also manages Primary Multiplexers, PDH and SDH Microwaves, DWDM... This family is sold worldwide by Sagemcom either as stand alone equipment or part of turnkey networks. Sagemcom capability to offer a complete transmission equipment together with optical fiber, civil works, buildings give added value to its customers.

TECHNICAL FEATURES

AGGREGATE SIGNALS

- STM-1 G.957
- S-1.1, L-1.1, L1.2 opticals SFPs
- Single Fiber optical SFPs
- External optical booster for long haul networks

TRIBUTARY SIGNALS

- E1, E3, DS3 G.703
- E1 120 ohms and 75 ohms cards.
- Ethernet, Fast Ethernet 10/100 Base T
- Gigabit Ethernet 1000 base T, SX, LX and ZX

MECHANICAL SPECIFICATIONS

- ETS 300 119-3 and 4

POWER SUPPLY

- -48 V DC (-36 v to -72 v)
- 110V/220 V AC

DIMENSIONS

- 2U, 19" and ETSI subracks

CONSUMPTION

- 40 W max, 25 W typical

ENVIRONMENT

- Etsi range +5°C to +45°C
- Etsi extended range -5°C to +55°C

AUXILIARY SIGNALS

- RJ45 Ethernet interface for F and TNM
- E1 and F1 RJ45 interfaces for EOW

MATRIX

- 5 VC4 non blocking cross-connect at VC12, VC3 and VC4 level

PROTECTIONS

- Line Protection, SNCP and MSP G.783

ETHERNET FEATURES

- GFP150 cards offer Layer 2 Ethernet Switch : GFP, VCAT and LCAS protocols, VLAN, STP and MSTP protocols
- 4EFE+1GE card offer transparent Ethernet, Fast Ethernet and Gigabit Ethernet transport, it support features like Jumbo frames, Link down Retransmit

OPERATION

- Embedded HTTP server (Internet Explorer and Mozilla firefox)
- Native SNMP

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