

SRx and PMx

2G6 MODULES CHASSIS SRX AND CHASSIS POWER MODULES PMX

Application

Module carrier chassis for installation, feeding and cooling of 2G6-modules



Features

- ▶ 19 inch / 4 HE chassis, adaptable to metric (ETSI) racks
- ▶ Up to 16 modules pluggable on front, together with up to two power supply and fan units mounted on the rear
- ▶ Pluggable front panel with LC display for status and configuration (input keys)
- ▶ Status indication on front of each module
- ▶ Test ports on front, optical and RF cabling on rear
- ▶ Dust safe cooling (no dust blows through the electronics of the modules)
- ▶ 110/230 VAC or 48/60 VDC powering
- ▶ Redundancy option for power supply and fan unit (2 units hot pluggable), power and fan failure alarming in case of plugged ECE element controller
- ▶ Automatic slot and chassis address detection of plugged modules
- ▶ Several chassis can be controlled by one ECE element controller unit
- ▶ Real time hot standby for module slots next to each other (slot 1-2, 3-4 .. 15-16)
- ▶ Maximum capacity :
 - 16 Forward path modules (1 slot)
 - 8 (5) Optical Amplifiers 2 slot (3 slot)
 - 32 (64) Return path RX with 2 channel (4 channel)

Specifications subject to change without notice - DBE_2G6Chassis-x_1_111206.doc

Technical Data for Chassis SR19 and SRETSI

Number of 2G6 devices slots	16	
Number of PMx slots	2	
Chassis address range	1, 2, ... 9	
Total chassis power consumption	≤ 240 W	
Total 2G6modules power consumption	≤ 192 W	
Safety	EN 60950	
Environmental conditions	Operation:	ETS 300 019, class 3.1
	Storage temperature:	ETS 300 019, class 1.2
Dimensions (h x w x d)	176 mm x 483 mm x 475 mm	SR19
	176 mm x 535 mm x 475 mm	SRETSI
Weight (no modules plugged)	~12 kg	

Technical Data for Power Module PMAC and PMDC

Primary voltage	90 ... 264 VAC	PMAC
	Tbd	PMDC
Primary voltage power consumption	240 W	PMAC
	Tbd	PMDC
Primary voltage frequency	47 ... 63 Hz	PMAC
Inrush current	≤ 60 A	PMDC
Secondary voltage	24 VDC	
Secondary power	≤ 192 W	
Weight	1.6 kg	
Safety	EN 60950	
EMC	EN 50083-2	
Environmental conditions	See chassis SR19 and SRETSI	

Technical Data for Fan Module PMFAN

Weight	0.8 kg	
Safety	EN 60950	
EMC	EN 50083-2	
Environmental conditions	See chassis SR19 and SRETSI	

Available Types

SR19	2G6 Chassis with 19 inch width
SRETSI	2G6 Chassis with ETSI width
PMAC	Power Supply and Fan Unit for 2G6 chassis with mains powering
PMDC	Power Supply and Fan Unit for 2G6 chassis with 48...60 VDC powering
PMFAN	Fan Unit for 2G6 chassis cooling