



4 Mbps Modular Indoor Unit



4 Mbps 2 slot Modular Indoor Unit (**CFM-4-MUX**) is designed to provide flexibility and modularity of traffic interfaces at small capacities. It has two universal slots accepting E1 (G.703), 2-port 10/100Base-T Ethernet interface or V.35 modules. Capacity per slot is 2 Mbps. You can either deploy both slots getting the total of 4 Mbps or use only one of them if 2 Mbps is currently enough for your network.

-  [Radio specifications](#)
-  [Management System](#)

CFM-4-MUX is compatible with SAF CFM L4 radios supporting fixed 4 Mbps rate.

The entire IDU is a 1U high 230mm deep 19" rack mountable unit and is intended for use with external DC power supply.

Typical applications:

- Access networks of service providers, ISPs, city carriers, CLEC and telecoms
- E1/E3 trunking in mobile networks (BS, BSC, MSC, etc.)
- Node B connection in 3G mobile networks
- Private networks of large enterprises, municipal/public authorities

TECHNICAL PARAMETERS	
Model name	CFM-4-MUX
Operating capacity	4 Mbps
Number of slots for modules	2
Optional interface modules/connectors	10/100Base-T Ethernet (RJ-45), E1 (RJ-45/BNC), V.35 and V.35-G.704
Port capacity configuration options	Slot 1: 0-2 Mbps; Slot 2: 0-2 Mbps (2 Mbps step)
Compatibility with CFM radio	L4
MANAGEMENT	
SNMP monitoring/traps	+
Alarm port	Optional, 4 inputs/4 outputs
Performance monitoring	-
Physical interface	DB-9 & RJ-45
Interface	RS-232 & 10Base-T Ethernet
Loopback test facility	E1, V.35 interfaces, baseband modem, RF loopback
Network management	SAF Network Management System (NMS), built-in terminal management tools - web, SNMP, Telnet (local & remote), IDU LCD
ASCII Terminal	Local
Service channel	+
Engineering orderwire	via optional VoIP
ELECTRICAL	
Power supply	20 to 60 V, any polarity can be grounded
Power consumption	from 7.2 to 17W (according to capacity and modules installed)
Protection circuit	1.35A

Cable (IDU-ODU): single coaxial	up to 300 m long LMR 400 or up to 100 m long RG-213, N-type connectors/ up to 20dB attenuation @ 350 MHz
ENVIRONMENTAL	
Ambient temperature	-5°C to +45°C
Humidity	5% to 95%
Altitude	in accordance with climatic standards
MECHANICAL	
HxWxD mm/weight kg/H in U	44x482x270/1.7(without modules) /1U
STANDARDS	
Standard compliance	ETSI, ITU
EMC	EN 301 489
Operational	EN 300 019, Class 3.1E
Storage	EN 300 019, Class 1.2
Transportation	EN 300 019, Class 2.3
Safety	EN 60950

[Home](#) > [Products](#) > [CFM](#) > [Indoor units](#) > [4 Mbps 2 Slot Modular Indoor Unit](#)

 © SAF Tehnika 2002-2005