DynaFlex M16 Subrack

AVARA
TECHNOLOGIES

The M16 provides a 6RU enclosure that can be used to meet a variety of copper and fibre stand-alone system needs.

The M16 is a 19" wide, six (6) rack unit high subrack which can be mounted in standard 19" racks using the provided brackets.

It has 16 slots, for installing 15 DynaFlex transport, multiplexer and interface cards plus a power supply card.

The subrack also supports the option of installing an additional power supply card in slot 15 to provide resiliency against power supply failure.

The M16 subrack can be divided into four sections allowing multiple access/multiplexing groups to be configured in a single subrack. That is, up to four independent groups of multiplexers with channel cards can be configured within a single unit.

A DynaFlex DC-PIU power supply card can be installed to provide 20 to 72VDC operation. The DC PIU also provides 3 external dry contact rack alarm outputs for the subrack.

For applications requiring AC mains power, the M16 supports an AC-PIU plug in card with 90-260 VAC operation.

M16

Application – Multi-service access functionality.

The M4 can be equipped with Avara's DynaFlex Multiservice Access product line, DFX & DFS Transport units, DXC Cross Connect units and Nokia's Dynanet product line, to deliver fast Ethernet, E1 and TDM Services.

Subrack Variants

Two variants of the M16 subrack are offered. The first supports all DynaFlex cards as well as all Nokia Dynanet channel cards but does not support the Dynanet DB2. The second variant supports all DynaFlex units except for the DXC as well as all Nokia Dynanet units including the DB2.

Technical Highlights

- 6RU Horizontal Subrack
- 16 Available Slots
- 3 Contact Alarms Outputs (A,B,D)
- 2 x Dual Feed Hot Swapable Power Supplies
- -20 to -72 VDC Power Supply
- 90 to 264 VAC Power Supply
- Supports Avara DynaFlex units
- Supports Nokia Dynanet units

Technical Specifications

Product *(refer to notes below)*	M16 P61000.01	M16 P61000.02
Dimension Height Width Depth	325mm 445mm 224mm	325mm 445mm 224mm
Weight	5.20Kg	5.20Kg
Number of Slots	16	16
Power Supply Voltage Range (DC) Voltage Range (AC) Power Rating	20-72 VDC 90-260 VAC 150W	20-72 VDC 90-260 VAC 150W
Environmental Operating Temperature Relative Humidity	-20 °C to +65 °C 5-90% (Non-condensing)	-20 °C to +65 °C 5-90% (Non-condensing)
Supported Products Avara Technologies Nokia	DynaFlex, DFX, DFS, DXC ENT, ESU, SIP30 Dynanet DM2, DM2+, Channel Cards, Ring Generator	DynaFlex, DFX, DFS ENT, ESU, SIP30 Dynanet DB2, DM2, DM2+, Channel Cards, Ring Generator

Notes:

P61000.01 Subrack supports all DynaFlex units including the DB4, DynaFlex Channel Cards, the DXC as well as all Nokia Dynanet Channel Cards. This subrack does not support the Nokia DB2 product.

P61000.02 Subrack supports all DynaFlex units including the DB4, DynaFlex Channel Cards, the Nokia DB2 product as well as all Nokia Dynanet Channel Cards. This subrack does not support the DynaFlex DXC product.