

Aqeri 9618 is a rugged 19" rack mounted 10 / 100 Mbit double fibre switch for use in harsh environments.

The use of rack space is optimized by need of only 1.5 HU installation space.

Military EMI requirements are to MIL-STD-461 and DEFSTAN 59-41.



Features

- > Fully sealed all aluminium 19" 1,5HU chassis
- > Two switches in one chassis
- > Each switch has 2 x 10Mbps plus 6 x 100Mbps fibre (SC9)
- > 28VDC power supply (18-36VDC)
- > Integrated heating and climate control system
- > EMI/RFI according to MIL-STD-461 and DEF-STAN
- > MIL-STD-1275 (28VDC power)

Functional specifications

Routerboard :

2 x Cisco Catalyst 2940-8

Ethernet 100MBIT ports :

2 + 2

100 MBPS fibre ports :

2 x 6

100 MBPS Uplink fibre ports :

2 x 1

Console port :

2 x 1

PHYSICAL CHARACTERISTICS :

Dimensions : 440 x 410 x 66mm

Weight : 8 kg

Colour : Green

ELECTRICAL SPECIFICATIONS :

Power requirements :

28VDC (18-36VDC)

Power consumption :

60W at 28VDC (excluding heaters, cooler, etc)

Connectors :

Power CA3102E-3P-B-F80, Cannon 3 pin male console (DB-9 female), Ethernet fibre ports (SC)

Connecteurs :

Puissance CA3102E-3P-B-F80, console mâle de goupille du canon 3 (DB-9 femelle), ports fibre Ethernet (Sc)

ENVIRONMENTAL CHARACTERISTICS :

Temperature : Operating -20°C to +55°C

Humidity : 5% to 95% non-condensing

Enclosure : IP40

Vibration : Operating 1G 10-1000Hz

Shock : Operating 10G, 11ms, ½ sine wave pulse

Altitude : Operating 3000m
Storage 9500m

EMI/RFI/EMC : According to MIL-STD-461

Designed to fulfil :

MIL-STD-461/462 C / D, MIL-STD-810, EN61000-4- 2 lev 4, EN 61000- 4-3 lev 3, EN61000-4-4 lev 3, 3, EN 61000-4-5 lev 1, EN61000-4-6 lev 2, EN61000- 4-5, EN 61000-4-8 lev 3, EN55022 B, IEC68-2-6, IEC 68-2-27, IEC68-2-29, IEC 68-2-31, IEC 68-2-32, DEF-STD-61-5 part 6

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