

Item	MA5800-X2
Supported cabinet	N63E-22
Board configuration	Control board slots: 3,4 Service board or upstream interface board slots: 1-2 Does not support the universal interface board. Power board slot: 0
Dimensions (W x D x H) (mm)	Excluding mounting ears: 442 x 268.7 x 88.1 Including IEC mounting ears: 482.6 x 268.7 x 88.1 Including ETSI mounting ears: 535 x 268.7 x 88.1
Maximum weight (including mounting brackets)	9.4 kg
Maximum input current	DC power supply: 20 A AC power supply: 8 A
Power supply mode	DC power support (dual backup) AC power supply + battery for backup
Working voltage range	DC power supply: -38.4 V to -72 V AC power supply: 100 - 240 V
Rated voltage	DC power supply: -48 V/-60 V AC power supply: 110 V/220 V
Ambient temperature	-40° C to +65° C The MA5800 can start up at a lowest temperature of -25° C.
Ambient humidity	5% - 95% RH
Atmospheric pressure	70 - 106 kPa
Altitude	< 4000 m. The air density varies with the altitude and will affect the heat dissipation of a device. Therefore, the working environment temperature of the MA5800 varies with the altitude.
Payload switching capacity of the control board (load sharing mode)	MPSA/MPSG: 248 Gbit/s
Maximum payload bandwidth per service slot (load sharing mode)	MPSA/MPSG: 40 Gbit/s
Maximum number of concurrent 4K video users	2000
Maximum number of MAC addresses	262143
Maximum number of IPv4	262143

routing tables	
Maximum number of IPv6 routing tables	16384
Maximum number of ARP tables	32768
Switching/Forwarding delay	Short forwarding delay: The 100 Mbit/s Ethernet port sends the 64-byte Ethernet packets at a delay shorter than 20 μ s.
Bit error rate (BER) in full load	A BER smaller than 10^{-10} for a port that transmits data in full load
System reliability specifications	System availability for the typical configuration: > 99.999% Mean time between failures (MTBF): about 45 years
Upstream ports (dual control boards for upstream transmission)	MPSA/MPSG: 4 x 10GE/GE + 4 x GE
GPON ports	32
XG-PON ports	32
XGS-PON ports	32
GE ports	96
10GE ports	16