

FTTH Product Portfolio

2025H1

OLT

MA5800 Series

MA5800-X17 (ETSI)



Dimensions(H x W x D):

486 mm x 493 mm x 287 mm

Number of Service Slots: 17

Maximum number of services ports:

- 272*XG-PON/XGS-PON/GPON
- 816*GE/FE • 408*10GE

MA5800-X15 (IEC)



Dimensions (H x W x D):

486 mm x 442 mm x 287 mm

Number of Service Slots: 15

Maximum number of services ports:

- 240*XG-PON/XGS-PON/GPON
- 720*GE/FE • 360*10GE

MA5800-X7



Dimensions (H x W x D):

263.9 mm x 442 mm x 268.7 mm

Number of Service Slots: 7

Maximum number of services ports:

- 112*XG-PON/XGS-PON/GPON
- 336*GE/FE • 168*10GE

MA5800-X2



Dimensions(H x W x D):

88.1 mm x 442 mm x 268.7 mm

Number of Service Slots: 2

Maximum number of services ports:

- 32*XG-PON/XGS-PON/GPON
- 96*GE/FE • 48*10GE

MA5801 Series

MA5801-GP16-H2



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*10GE/GE • 16*GPON

MA5801-GP08-H3



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*10GE/GE • 8*GPON

MA5801-FL16-H1



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*10GE/GE
- 16* XG-PON/XGS-PON/GPON

MA5801-FL04-H1



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*GE/10GE • 2*GE/2.5GE
- 4*XG-PON/XGS-PON/GPON

MA5801S Series

MA5801S-FL16-H2



Dimensions(H x W x D):

400 mm x 300 mm x 120 mm

Maximum number of services ports:

- 4*10GE/GE
- 16* XG-PON/XGS-PON/GPON

MA5801S-GP16-H2



Dimensions(H x W x D):

400 mm x 300 mm x 120 mm

Maximum number of services ports:

- 4*10GE/GE
- 16*GPON

| MA5800T Series

MA5800T-X17 (Standard)



Dimensions: 554 mm x 493 mm x 287 mm
(H x W x D)

Number of Service Slots: 17

Maximum number of services ports:

- 16*50G-PON
- 272*XG-PON/XGS-PON/GPON
- 408*10GE/2.5GE/GE
- 816*GE/FE

MA5800T-X17 (Enhanced)



Dimensions: 554 mm x 493 mm x 287 mm
(H x W x D)

Number of Service Slots: 17

Maximum number of services ports:

- 136*50G-PON
- 272*XG-PON/XGS-PON/GPON
- 408*10GE/2.5GE/GE
- 816*GE/FE

MA5800T-X15



Dimensions: 554 mm x 442 mm x 287.2 mm
(H x W x D)

Number of Service Slots: 15

Maximum number of services ports:

- 120*50G-PON
- 240*XG-PON/XGS-PON/GPON
- 360*10GE/2.5GE/GE
- 720*GE/FE

MA5800T-X8



Dimensions: 310.35 mm x 442 mm x 242.2 mm
(H x W x D)

Number of Service Slots: 8

Maximum number of services ports:

- 64*50G-PON
- 128*XG-PON/XGS-PON/GPON
- 192*10GE/2.5GE/GE
- 384*GE/FE

| EA5800 Series

EA5800-X17 (ETSI)



Dimensions(H x W x D):

486 mm x 493 mm x 287 mm

Number of Service Slots: 17

Maximum number of services ports:

- 272*XG-PON/XGS-PON/GPON
- 816*GE/FE • 408*10GE

EA5800-X15 (IEC)



Dimensions(H x W x D):

486 mm x 442 mm x 287 mm

Number of Service Slots: 15

Maximum number of services ports:

- 240*XG-PON/XGS-PON/GPON
- 720*GE/FE • 360*10GE

EA5800-X7



Dimensions(H x W x D):

263.9 mm x 442 mm x 268.7 mm

Number of Service Slots: 7

Maximum number of services ports:

- 112*XG-PON/XGS-PON/GPON
- 336*GE/FE • 168*10GE

EA5800-X2



Dimensions(H x W x D):

88.1 mm x 442 mm x 268.7 mm

Number of Service Slots: 2

Maximum number of services ports:

- 32*XG-PON/XGS-PON/GPON
- 96*GE/FE • 48*10GE

| EA5801E Series

EA5801E-GP16-H2



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*GE/10GE
- 16*GPON

EA5801E-FL16-H1



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*GE/10GE
- 16*XG-PON/XGS-PON/GPON

EA5801E-GP08-H3



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*GE/10GE
- 8*GPON

EA5801E-GP04-H2



Dimensions(H x W x D):

43.6 mm x 442 mm x 220 mm

Maximum number of services ports:

- 4*GE/10GE
- 4*GPON

| EA5801S Series

EA5801S-GP16-H2



Dimensions(H x W x D):

400 mm x 300 mm x 120 mm

Maximum number of services ports:

- 4*GE/10GE
- 16*GPON

EA5801S-FL16-H2



Dimensions(H x W x D):

400 mm x 300 mm x 120 mm

Maximum number of services ports:

- 4*GE/10GE
- 16*XG-PON/XGS-PON/GPON

GPON ONT

| NO Wi-Fi

EG8010Hv6-10



Dimensions:

83 mm x 69 mm x 26 mm

NNI: GPON

UNI: 1*GE

EG8040H6



Dimensions:

168 mm x 115 mm x 30 mm

NNI: GPON

UNI: 4*GE

EG8140H5



Dimensions:

168 mm x 115 mm x 30 mm

NNI: GPON

UNI: 1*POTS + 4*GE

| Wi-Fi 4

EG8143H5



Dimensions(Dimension excluding external antenna):

190 mm x 135 mm x 34 mm

NNI: GPON

UNI: 1*POTS + 4*GE + 1*CATV + 2.4G Wi-Fi

2.4GHz: 11n 2x2 MIMO

| Wi-Fi 5



EG8021V5

Dimensions(Dimension excluding external antenna):

155 mm x 105 mm x 30 mm

NNI: GPON

UNI: 2*GE + 2.4G&5G Wi-Fi

2.4GHz: 11n 2x2 MIMO

5GHz: 11ac 2x2 MIMO



EG8041V5

Dimensions(Dimension excluding external antenna):

168 mm x 115 mm x 30 mm

NNI: GPON

UNI: 2*GE + 2*FE + 2.4G&5G Wi-Fi

2.4GHz: 11n 2x2 MIMO

5GHz: 11ac 2x2 MIMO



EG8145V5

Dimensions(Dimension excluding external antenna):

173 mm x 120 mm x 30 mm

NNI: GPON

UNI: 1*POTS + 4*GE + 1*USB + 2.4G&5G Wi-Fi

2.4GHz: 11n 2x2 MIMO

5GHz: 11ac 2x2 MIMO

| Wi-Fi 6



EG8041X6-10

Dimensions(Dimension excluding external antenna):

155 mm x 105 mm x 35 mm

NNI: GPON

UNI: 4*GE + 2.4GHz&5GHz Wi-Fi 6

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO



EG8145X6-10

Dimensions(Dimension excluding external antenna):

155 mm x 105 mm x 35 mm

NNI: GPON

UNI: 4*GE + 1*POTS + 1*USB + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO



EG8147X6-10

Dimensions(Dimension excluding external antenna):

195 mm x 120 mm x 35 mm

NNI: GPON

UNI: 4*GE + 1*POTS + 1*USB + 1*CMTV + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO



EG8245X6-8N-30

Dimensions(Dimension without pads):

247.5 mm x 216.5 mm x 72 mm

NNI: GPON

UNI: 4*GE + 2*POTS + 1*USB + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 4x4 MIMO

5GHz: 11ax 4x4 MIMO

| Wi-Fi 7



EG8145B7-50

Dimensions(Dimension excluding external antenna):

150 mm x 108 mm x 40 mm

NNI: GPON

UNI: 4*GE + 1*POTS + 1*USB + 2.4G&5G Wi-Fi 7

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO



EG8145B7N-50

Dimensions(Dimension excluding external antenna):

150 mm x 108 mm x 40 mm

NNI: GPON

UNI: 1*2.5GE + 3*GE + 1*POTS + 1*USB + 2.4G&5G Wi-Fi 7

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

10G PON ONT

| NO Wi-Fi



EN8010Ts-20

Dimensions:

110 mm x 105 mm x 32 mm

NNI: XGS-PON

UNI: 1*10GE



EN8250Ts-20

Dimensions:

178 mm x 117 mm x 34 mm

NNI: XGS-PON

UNI: 1*10GE + 4*GE + 2*POTS



EN8012Ts-20

Dimensions:

135 mm x 140 mm x 32 mm

NNI: XGS-PON

UNI: 1*10GE + 1*CATV

| Wi-Fi 6



EN8245X6s-8N

Dimensions:

247.5 mm x 216.5 mm x 72 mm

NNI: XGS-PON

UNI: 1*2.5GE + 3*GE + 1*USB + 2*POTS + 2.4GHz&5GHz Wi-Fi 6

2.4GHz: 11ax 4x4 MIMO

5GHz: 11ax 4x4 MIMO



EN8255X6s-8X

Dimensions(Dimension excluding base):

250 mm x 176 mm x 35 mm

NNI: XGS-PON

UNI: 1*10GE + 4*GE + 2*POTS + 1*USB + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 4x4 MIMO

5GHz: 11ax 4x4 MIMO

| Wi-Fi 7



EN8145B7Ns

Dimensions(Dimension excluding the base):

250 mm x 157 mm x 30 mm

NNI: XGS-PON

UNI: 1*2.5GE + 3*GE + 1*POTS + 1*USB + 2.4GHz&5GHz Wi-Fi 7

2.4GHz: 11be 2x2MIMO

5GHz: 11be 2x2 MIMO

Edge ONT

K562E-10



Dimensions(Dimension excluding external antenna):

195 mm x 125 mm x 35 mm

NNI: Wi-Fi or GE

UNI: 4*GE + 2.4G&5G Wi-Fi 6 (Wi-Fi uplink) / 3*GE + 2.4G&5G Wi-Fi 6 (GE uplink)

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO

K562



Dimensions:

φ117 mm x 146 mm

NNI: Wi-Fi or GE

UNI: 3*GE + 2.4G&5G Wi-Fi (Wi-Fi uplink) / 2*GE + 2.4G&5G Wi-Fi (GE uplink)

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO

WA8021V5



Dimensions:

105 mm x 105 mm x 65.5 mm

NNI: Wi-Fi or GE

UNI: 3*GE + 2.4G&5G Wi-Fi (Wi-Fi uplink) / 2*GE + 2.4G&5G Wi-Fi (GE uplink)

2.4GHz: 11n 2x2 MIMO

5GHz: 11ac 2x2 MIMO

K572



Dimensions(Dimension excluding the base):

188 mm x 140 mm x 35 mm

NNI: Wi-Fi or 2.5GE

UNI: 2*2.5GE + 2*GE + 2.4G&5G Wi-Fi (Wi-Fi uplink) / 1*2.5GE + 2*GE + 2.4G&5G Wi-Fi (2.5GE uplink)

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

DSL CPE

DN8245X6-10



Dimensions(Dimension excluding base):

178 mm x 138 mm x 37 mm

NNI: DSL/GE (WAN/LAN auto-sensing)

UNI: 2*FXS + 4*GE + 1*USB 2.0 + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 2x2MIMO

5GHz: 11ax 2x2MIMO

LG8245B7



Dimensions (Dimension excluding base):

140 mm x 188 mm x 35 mm

NNI: 1GE

UNI: 3*GE + 2*POTS + 1*USB2.0 + 2.4GHz&5GHz Wi-Fi 7

2.4GHz: 11be 2x2MIMO

5GHz: 11be 2x2MIMO

DN8245X6-8X



Dimensions (Dimension excluding base):

250 mm x 176 mm x 35 mm

NNI: DSL/GE (WAN/LAN4 auto-sensing)

UNI: 2*FXS + 4*GE + 1*USB 2.0 + 1*USB3.0 + 2.4GHz&5GHz Wi-Fi 6

2.4GHz: 11ax 4x4MIMO

5GHz: 11ax 4x4MIMO

Wi-Fi 6 FTTR-H

V166a-20


Dimensions(Dimension excluding the base):

240 mm x 148 mm x 30 mm

NNI: GPON

UNI: 1*2.5GE + 3*GE + 1*POTS + 1*USB
+ 2.4G&5G Wi-Fi 6 + 1*optical port

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO

K156a-21


Dimensions(Dimension excluding the base and bracket):

165 mm x 130 mm x 33 mm

NNI: Optical

UNI: 1*2.5GE + 1*GE + 2.4G&5G Wi-Fi 6

2.4GHz: 11ax 2x2 MIMO

5GHz: 11ax 2x2 MIMO

Wi-Fi 7 FTTR-H

V261a-20


Dimensions(Dimension excluding the base):

240 mm x 148 mm x 30 mm

NNI: GPON

UNI: 1*2.5GE + 3*GE + 1*POTS + 1*USB
+ 2.4G&5G Wi-Fi 7 + 1*optical
port

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

K251a-21


Dimensions(Dimension excluding the base and bracket):

165 mm x 130 mm x 33 mm

NNI: Optical

UNI: 1*2.5GE + 1*GE + 2.4G&5G Wi-Fi 7

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

V281s


Dimensions(Dimension excluding the base):

250 mm x 157 mm x 30 mm

NNI: XGS-PON

UNI: 1*2.5GE + 3*GE + 1*POTS + 1*USB
+ 2.4G&5G Wi-Fi 7 + 1*optical port
+ NFC

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

K251s-11


Dimensions(Dimension excluding the base and bracket):

165 mm x 130 mm x 33 mm

NNI: Optical

UNI: 1*2.5GE + 1*GE + 2.4G&5G Wi-Fi
7 + 1*FTTR home storage
interface + NFC

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

FTTR-SME

B866G-S2


Dimensions(Dimension excluding antennas):

250 mm x 180 mm x 43.6 mm

NNI: XGS-PON/GPON Combo

UNI: 1*2.5GE (e/o Combo) + 4*GE +
4*POTS + 1*USB + 2.4G&5G Wi-Fi
7 + 1*optical port

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

B671G-S2


Dimensions:

180 mm x 180 mm x 38 mm

NNI: Optical

UNI: 1*GE + 2.4G&5G Wi-Fi 7

2.4GHz: 11be 2x2 MIMO

5GHz: 11be 2x2 MIMO

Outdoor Cabinet

F01M50

**Dimensions(H x W x D):**

650 mm x 220 mm x 380 mm

Power supply: AC/DC**Devices involved:**

1*DC MA5800-X2/EA5800-X2

1*DC MA5801-GP08/EA5801E-GP08

1*DC MA5801-GP16/EA5801E-GP16

1*DC MA5801-FL04

F01T100

**Dimensions(H x W x D):**

1360 mm x 600 mm x 250 mm

Power supply: AC, ETP4860**Devices involved:**

1*DC MA5800-X2/EA5800-X2

1*DC MA5801-GP08/EA5801E-GP08

1*DC MA5801-GP16/EA5801E-GP16

F01M500

**Dimensions(H x W x D):**

1600 mm x 650 mm x 480 mm

Power supply: AC/DC; ETP48200;**Devices involved:**

1*DC MA5800-X17/MA5800T-X17/EA5800-X17

1*DC MA5800-X7/MA5800T-X8/EA5800-X7

General Disclaimer

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