

Interface name system

This chapter describes the naming rules for MA4000-PX interfaces.

Access node interfaces can be divided into two groups: Ethernet interfaces and GPON interfaces. Ethernet interfaces are used for access node connection to operator's network core. GPON interfaces are used for ONT connections.

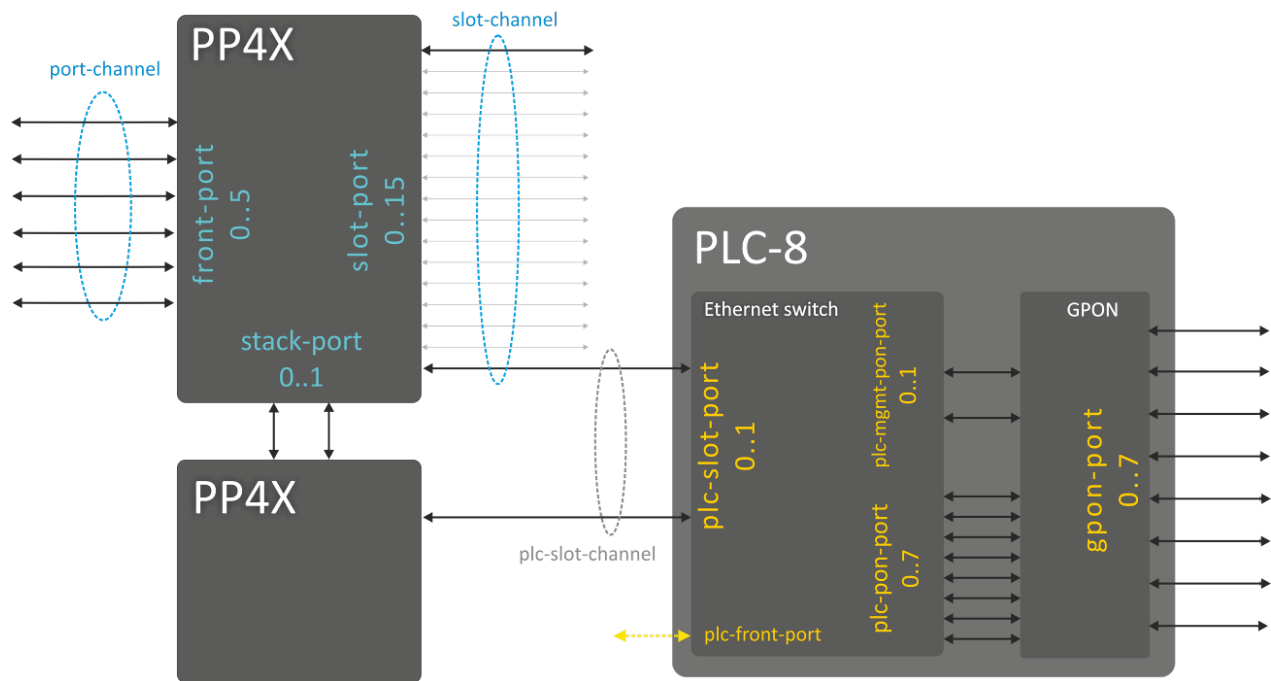


Figure 2 – Access node interface name system

For accepted access node interface name system, see [Table 4.1](#).

Table 4.1 – Access node interface name system and numbering

Interface name	Description	Range
front-port	PP4X module external uplink interfaces	Specified as: U/P - U – PP4X module number [1 .. 2] - P – PP4X uplink interface number [0..5]
port-channel	LAG of PP4X module uplink interfaces	[1..8] – aggregation group number
slot-port	Interfaces of the PP4X module for connecting GPONPLC8 modules	Specified as: U/P - U – PP4X module number [1 .. 2] - P – interface number for PLC8 module [0..15]
slot-channel	LAG of PP4X module interfaces for PLC8 modules	[0..15] – PLC8 module number
stack-port	PP4X module internal stacking interfaces	Specified as: U/P - U – PP4X module number [1 .. 2] - P – interface number for PP4X module [0..1]
plc-slot-port	PLC8 module interfaces for connection to central switches – PP4X modules	Specified as: SP - S – PLC8 module number [0 .. 15] - P – interface number for PP4X module [0..1]
plc-slot-channel	PLC8 module interface LAG for connection to central switches – PP4X modules	[0..15] – PLC8 module number

plc-front-port	PLC8 module external management interface (mgmt)	[0..15] – PLC8 module number
plc-pon-port	PLC8 switch downlink interface connected to GPONOLT	Specified as: SP • S – PLC8 module number [0 .. 15] • P – port number [0..7]
plc-mgmt-pon-port	PLC8 switch downlink interface connected to GPONOLT designed to control	Specified as: SP • S – PLC8 module number [0 .. 15] • P – port number [0..1]
gpon-port	PLC8 module external GPON interfaces	Specified as: SP • S – PLC8 module number [0 .. 15] • P – port number [0..7]
ont	Interfaces for the subscriber-side ONT terminals	Specified as: S/P/I • S – PLC8 module number [0..15] • P – PLC8 module port number [0..7] • I – ONT interface number [0..63]