

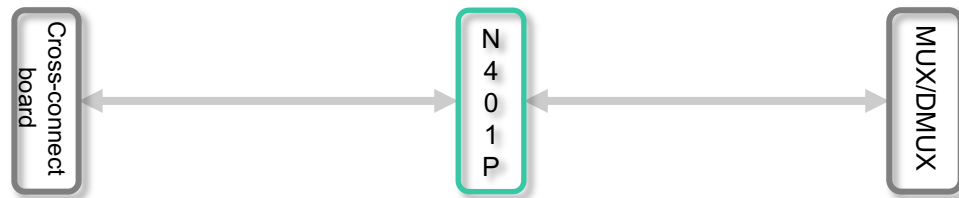
TNU1N401P

Initial Version: V100R002C10

The N401P board can work in line or relay mode. It is a programmable line board whose WDM-side rate can be flexibly adjusted to 100G or 200G. The N401P board uses coherent detection technologies and is designated for coherent systems.



Service



Service conversions:

100G mode	ODUk (not exceed 100 Gbit/s)	↔	1 x OTU4
200G mode	ODUk (not exceed 200 Gbit/s)	↔	1 x OTUC2

Note: ODUk indicates ODUk (k=0, 1, 2, 2e, 3, 4, flex).

TNU1N401P

Initial Version: V100R002C10

The N401P board can work in line or relay mode. It is a programmable line board whose WDM-side rate can be flexibly adjusted to 100G or 200G. The N401P board uses coherent detection technologies and is designated for coherent systems.



Function

Function	Description
FEC type	100G Mode: SDFEC2 200G Mode: SDFEC
ALS	Not supported
PRBS	Supported
ESC	Supported
LPT	Not supported
Clock Function	Not supported
Protection	ODUk SNCP/tributary SNCP/intra-board 1+1
Loopback	Supported
Electrical-layer ASON	Supported
Optical-layer ASON	Supported

Slot

Single-slot board

U64 Standard subrack	IU1-IU64
U32 Standard subrack	IU1-IU32
U16 subrack	IU1-IU14

Optical Module

WDM Side

100G mode: 40000 ps/nm-C Band-Tunable Wavelength-ePDM-QPSK(SDFEC2)-PIN
200G mode: 40000 ps/nm-C Band-Tunable Wavelength-200G-16QAM (SDFEC)-PIN

Mechanical Specifications

Weight	Typical power consumption	Maximum power consumption
4.0 kg (8.82 lb.)	100G mode: 180 200G mode: 235	100G mode: 190 200G mode: 250