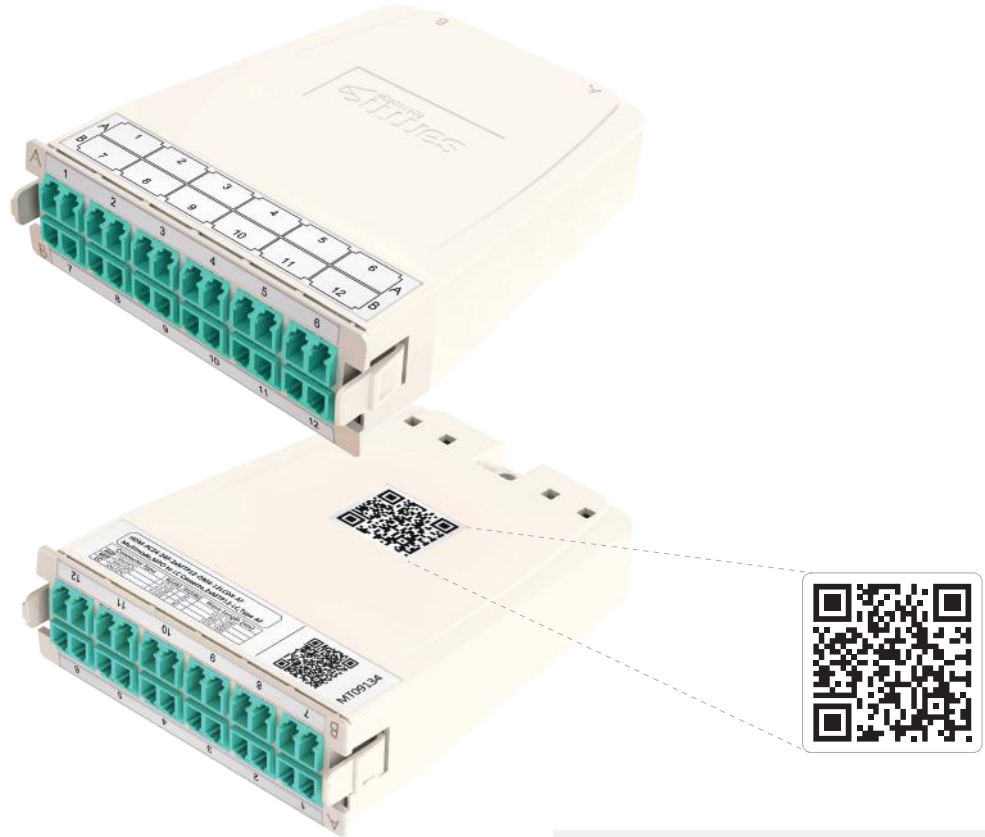


High Density MTP to LC Conversion Module | 12 LC-DX

MTP-LC conversion module is a high-density cassette, ideal for plug-and-play systems. The module consists of 24 LC fiber provides the optical circuit to interconnect the front and rear adapters.



Scan QR code to access test report

Applications

- Entrance facility
- Data center
- Telecommunications room
- Cellular tower base station
- Consolidation point
- Central office
- Equipment room

Key Features and Benefits

- Front installation on panel rail guides
- Sliding mechanism allows modules to snap into position for quick and easy, tool-less mounting
- High-density: up to 96 fibers in a 1U rack space
- Safety lock design against movement when installed
- Port numbering on the label
- Robust and Strong design
- Complete optical testing

Technical Specifications

Plastic cassette materials	PC/ABS Resin, White
Flammability rate	UL94-V0
RoHS	Compliant
Operating temperature	-20°to +60°C
Storage temperature	-25°to +70°C

MTP to LC Conversion Cassettes | 1xBase-24 / 12xLC-Duplex



Ordering Code OS2

Code and Description



- HDM-PC24 -24F-1xMTP24-OS2-12LCDX-A
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP24-LC,Type A
- HDM-PC24 -24F-1xMTP24-OS2-12LCDX-AF
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP24-LC,Type AF
- HDM-PC24 -24F-1xMTP24-OS2-12LCDX-B
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP24-LC,Type B

Ordering Code OM3

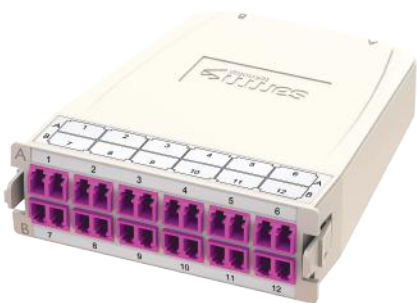
Code and Description



- HDM-PC24 -24F-1xMTP24-OM3-12LCDX-A
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP24-LC,Type A
- HDM-PC24 -24F-1xMTP24-OM3-12LCDX-AF
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP24-LC,Type AF
- HDM-PC24 -24F-1xMTP24-OM3-12LCDX-B
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP24-LC,Type B

Ordering Code OM4

Code and Description



- HDM-PC24 -24F-1xMTP24-OM4-12LCDX-A
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP24-LC,Type A
- HDM-PC24 -24F-1xMTP24-OM4-12LCDX-AF
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP24-LC,Type AF
- HDM-PC24 -24F-1xMTP24-OM4-12LCDX-B
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP24-LC,Type B

MTP to LC Conversion Cassettes | 2xBase-12 / 12xLC-Duplex



Ordering Code OS2

Code and Description



- HDM-PC24 -24F-2xMTP12-OS2-12LCDX-A
Single Mode,A2,9/125,MPO to LC Cassette,
2xMTP12-LC,Type A
- HDM-PC24 -24F-2xMTP12-OS2-12LCDX-AF
Single Mode,A2,9/125,MPO to LC Cassette,
2xMTP12-LC,Type AF
- HDM-PC24 -24F-2xMTP12-OS2-12LCDX-B
Single Mode,A2,9/125,MPO to LC Cassette,
2xMTP12-LC,Type B

Ordering Code OM3

Code and Description



- HDM-PC24 -24F-2xMTP12-OM3-12LCDX-A
Multimode Mode,OM3,50/125,MPO to LC Cassette,
2xMTP12-LC,Type A
- HDM-PC24 -24F-2xMTP12-OM3-12LCDX-AF
Multimode Mode,OM3,50/125,MPO to LC Cassette,
2xMTP12-LC,Type AF
- HDM-PC24 -24F-2xMTP12-OM3-12LCDX-B
Multimode Mode,OM3,50/125,MPO to LC Cassette,
2xMTP12-LC,Type B

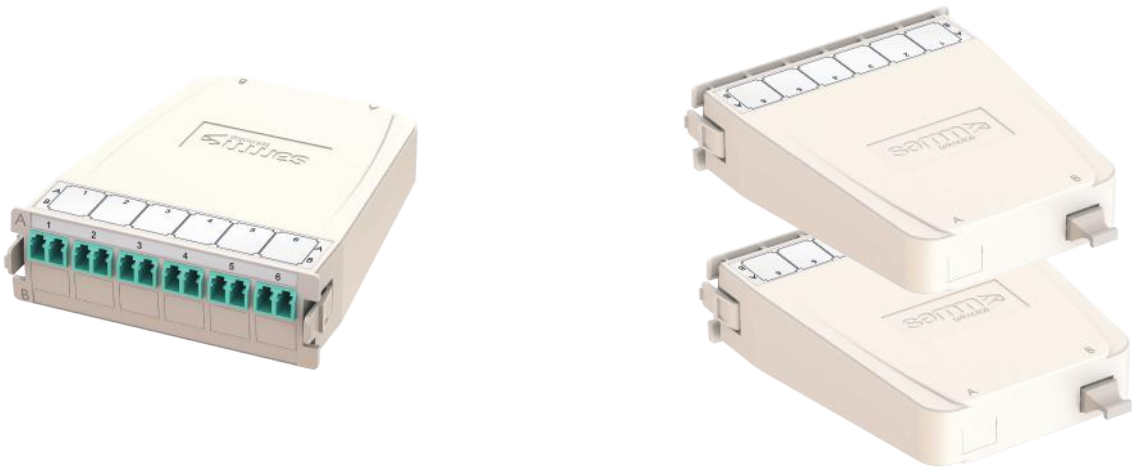
Ordering Code OM4

Code and Description



- HDM-PC24 -24F-2xMTP12-OM4-12LCDX-A
Multimode Mode,OM4,50/125,MPO to LC Cassette,
2xMTP12-LC,Type A
- HDM-PC24 -24F-2xMTP12-OM4-12LCDX-AF
Multimode Mode,OM4,50/125,MPO to LC Cassette,
2xMTP12-LC,Type AF
- HDM-PC24 -24F-2xMTP12-OM4-12LCDX-B
Multimode Mode,OM4,50/125,MPO to LC Cassette,
2xMTP12-LC,Type B

MTP to LC Conversion Cassettes | 1xBase-12 / 6xLC-Duplex



Ordering Code OS2

Code and Description



- HDM-PC12 -12F-1xMTP12-OS2-06LCDX-A
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP12-LC,Type A
- HDM-PC12 -12F-1xMTP12-OS2-06LCDX-AF
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP12-LC,Type AF
- HDM-PC12 -12F-1xMTP12-OS2-06LCDX-B
Single Mode,A2,9/125,MPO to LC Cassette,
1xMTP12-LC,Type B

Ordering Code OM3

Code and Description



- HDM-PC12 -12F-1xMTP12-OM3-06LCDX-A
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP12-LC,Type A
- HDM-PC12 -12F-1xMTP12-OM3-06LCDX-AF
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP12-LC,Type AF
- HDM-PC12 -12F-1xMTP12-OM3-06LCDX-B
Multimode Mode,OM3,50/125,MPO to LC Cassette,
1xMTP12-LC,Type B

Ordering Code OM4

Code and Description



- HDM-PC12 -12F-1xMTP12-OM4-06LCDX-A
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP12-LC,Type A
- HDM-PC12 -12F-1xMTP12-OM4-06LCDX-AF
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP12-LC,Type AF
- HDM-PC12 -12F-1xMTP12-OM4-06LCDX-B
Multimode Mode,OM4,50/125,MPO to LC Cassette,
1xMTP12-LC,Type B

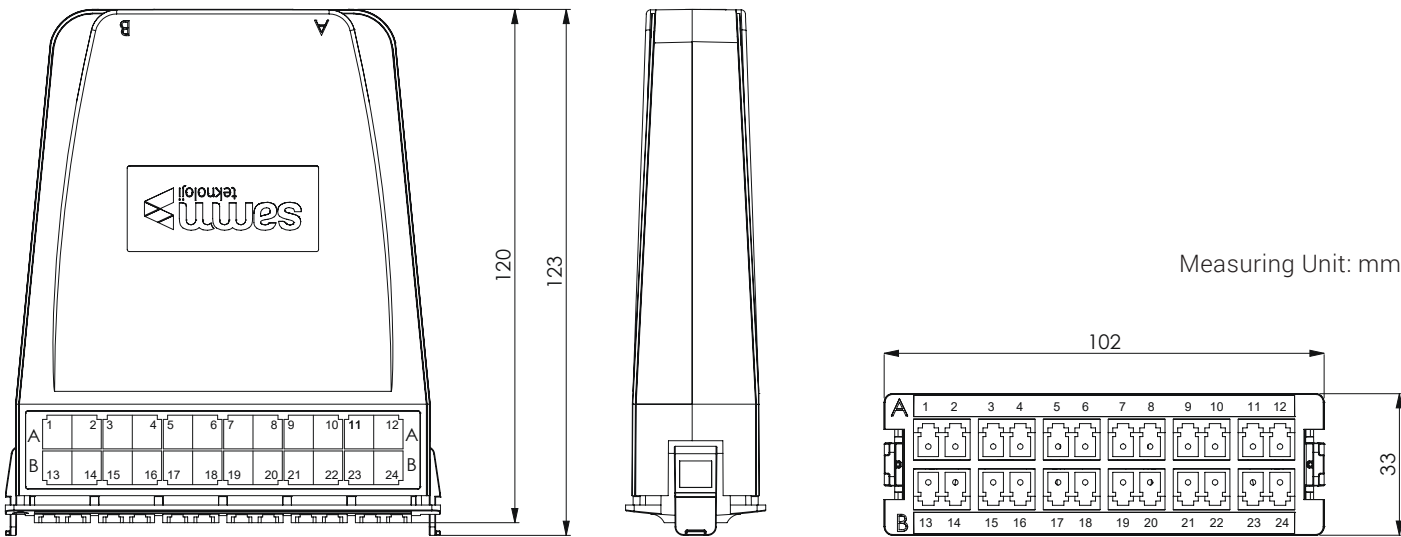
Optical Values

Connector Type		IL(dB)	RL(dB)	Wave Length (nm)
MTP	SM/APC	≤ 0.35	60	1310, 1550
	OM3 MM / UPC	≤ 0.35	30	850, 1300
	OM4 MM / UPC	≤ 0.35	30	850, 1300
LC	SM/APC	≤ 0.25	60	1310, 1550
	OM3 MM / UPC	≤ 0.25	40	850, 1300
	OM4 MM / UPC	≤ 0.25	40	850, 1300

Certification And Compliance

ANSI/TIA-942-A Telecommunications Infrastructure Standard for Data Centers	IEC 60874-1 Connectors for Optical Fibers and Cables; Generic Standard
ANSI/TIA-568-C.3 Optical Fiber Cabling Components Standard	IEC 61300 Fiber Optic Interconnecting Devices and Passive Components; Basic Test and Measurement Procedures
TIA-604 series Fiber Optic Connector Intermateability Standard	IEC 60874-1 Connectors for Optical Fibers and Cables ; Generic Standard
TIA-455 series Standard Test Procedure for Fiber Optic Components	UL 94 Tests for Flammability of Plastic Material for Parts in Devices and Appliances
GR-326-CORE Generic Requirements for Single Mode Optical Connectors and Jumper Assemblies	RoHS Directive on Restriction of Hazardous Substances

Cassette Dimensions



Plastic Adapter Modules_LC Duplex



24 Fibers

HDM-PAM-12LCDX-OS2-BU
High Density Modular Panel,12 LC Duplex Adapter Module,
Single Mode,OS2,Blue Adapter

HDM-PAM-12LCDX-OS2-GN
High Density Modular Panel,12 LC Duplex Adapter Module,
Single Mode,OS2,Green Adapter

HDM-PAM-12LCDX-OM2-BG
High Density Modular Panel,12 LC Duplex Adapter Module,
Multimode Mode,OM2,Beige Adapter

HDM-PAM-12LCDX-OM3-AQ
High Density Modular Panel,12 LC Duplex Adapter Module,
Multimode Mode,OM3,Aqua Adapter

HDM-PAM-12LCDX-OM4-VI
High Density Modular Panel,12 LC Duplex Adapter Module,
Multimode Mode,OM4,Violet Adapter

12 Fibers

HDM-PAM-06LCDX-OS2-BU
High Density Modular Panel, 6 LC Duplex Adapter Module,
Single Mode,OS2,Blue Adapter

HDM-PAM-06LCDX-OS2-GN
High Density Modular Panel, 6 LC Duplex Adapter Module,
Single Mode,OS2,Green Adapter

HDM-PAM-06LCDX-OM2-BG
High Density Modular Panel, 6 LC Duplex Adapter Module,
Multimode Mode,OM2,Beige Adapter

HDM-PAM-06LCDX-OM3-AQ
High Density Modular Panel, 6 LC Duplex Adapter Module,
Multimode Mode,OM3,Aqua Adapter

HDM-PAM-06LCDX-OM4-VI
High Density Modular Panel, 6 LC Duplex Adapter Module,
Multimode Mode,OM4,Violet Adapter

Plastic Adapter Modules_SC Simplex



HDM-PAM-12SCSX-OS2-BU

High Density Modular Panel, 12 SC Simplex Adapter Module, Single Mode, OS2, Blue Adapter



HDM-PAM-12SCSX-OS2-GN

High Density Modular Panel, 12 SC Simplex Adapter Module, Single Mode, OS2, Green Adapter



HDM-PAM-12SCSX-OM2-BG

High Density Modular Panel, 12 SC Simplex Adapter Module, Multimode Mode, OM2, Beige Adapter



HDM-PAM-12SCSX-OM3-AQ

High Density Modular Panel, 12 SC Simplex Adapter Module, Multimode Mode, OM3, Aqua Adapter



HDM-PAM-12SCSX-OM4-VI

High Density Modular Panel, 12 SC Simplex Adapter Module, Multimode Mode, OM4, Violet Adapter

Plastic Adapter Modules_MTP Simplex (Opposed)



HDM-PAM-12MTP-GEN-BL_Opposed

High Density Modular Panel, 12 MTP Simplex Adapter Module, Generic, Black Adapter



HDM-PAM-12MTP-OM3-AQ_Opposed

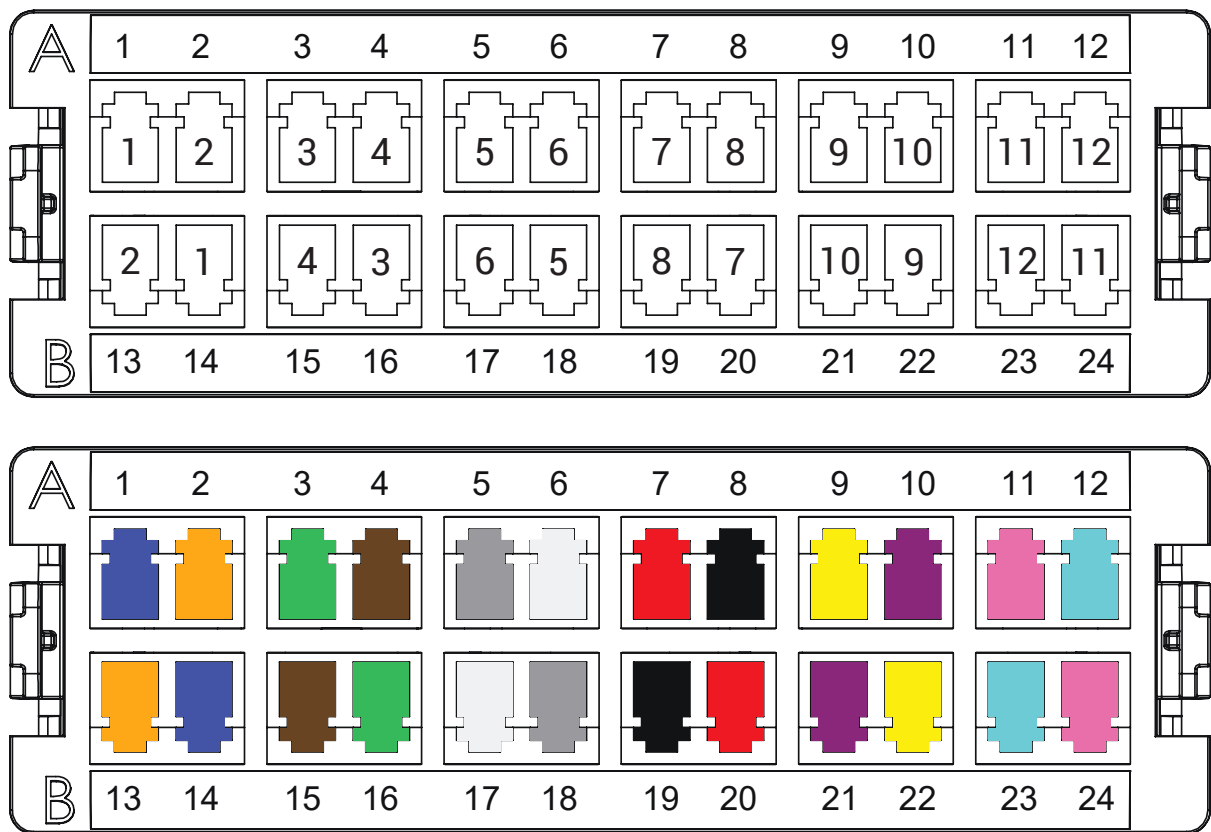
High Density Modular Panel, 12 MTP Simplex Adapter Module, Multimode Mode, OM3, Aqua Adapter



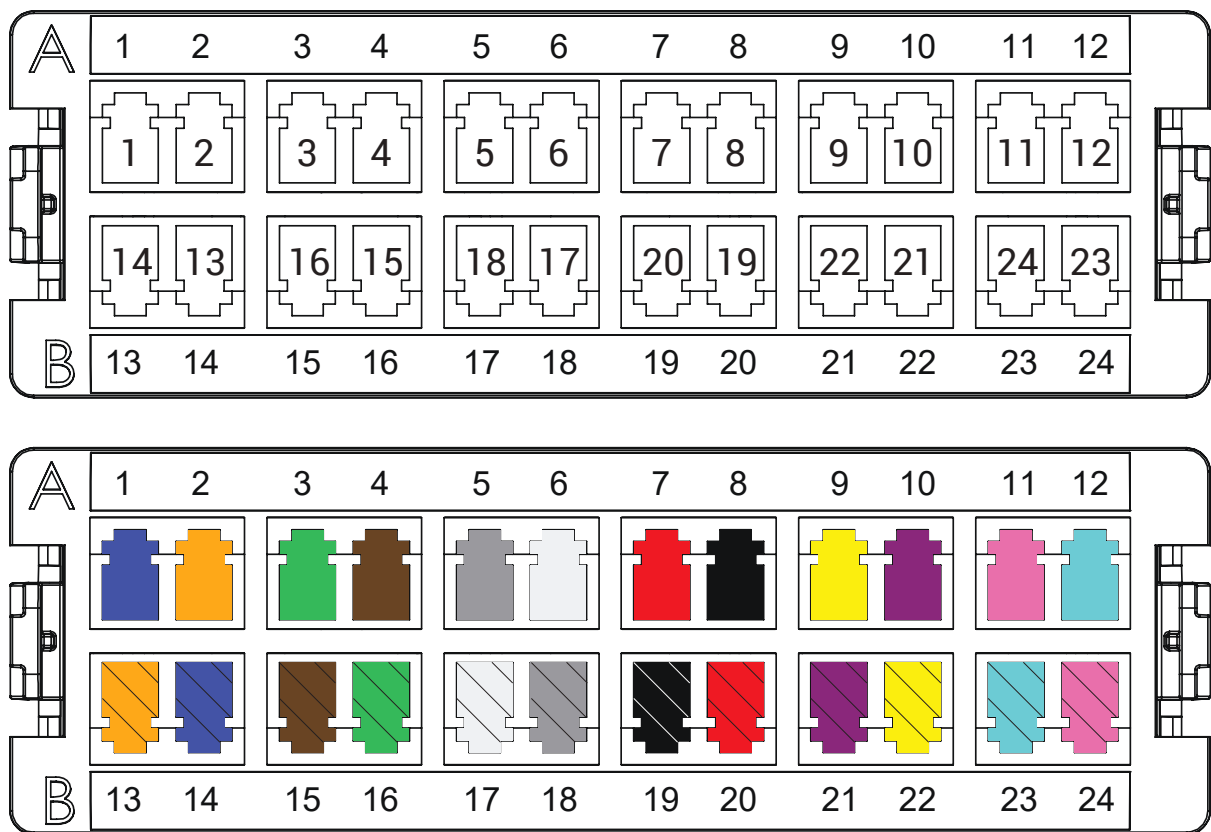
HDM-PAM-12MTP-OM4-VI_Opposed

High Density Modular Panel, 12 MTP Simplex Adapter Module, Multimode Mode, OM4, Violet Adapter

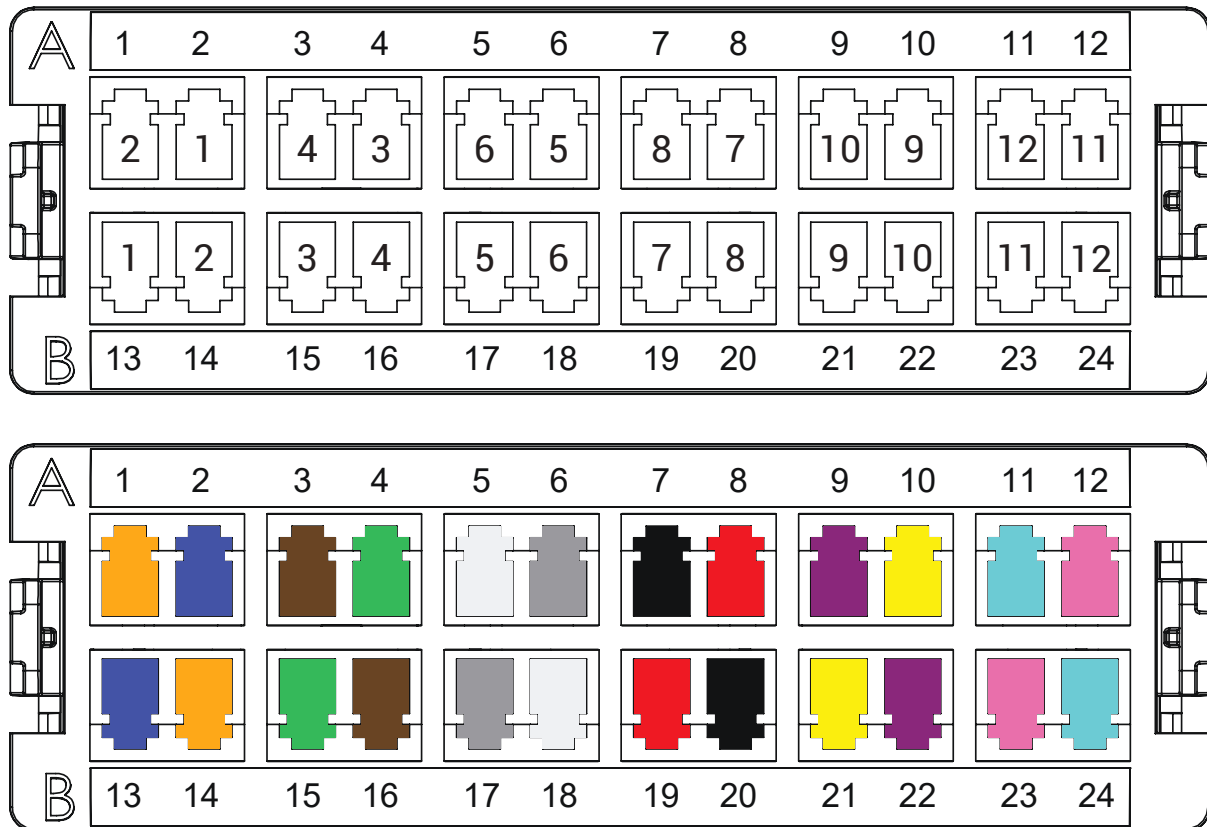
Polaritiy Wiring Of The MTP Cassettes | A Polarity | 2 x Base-12



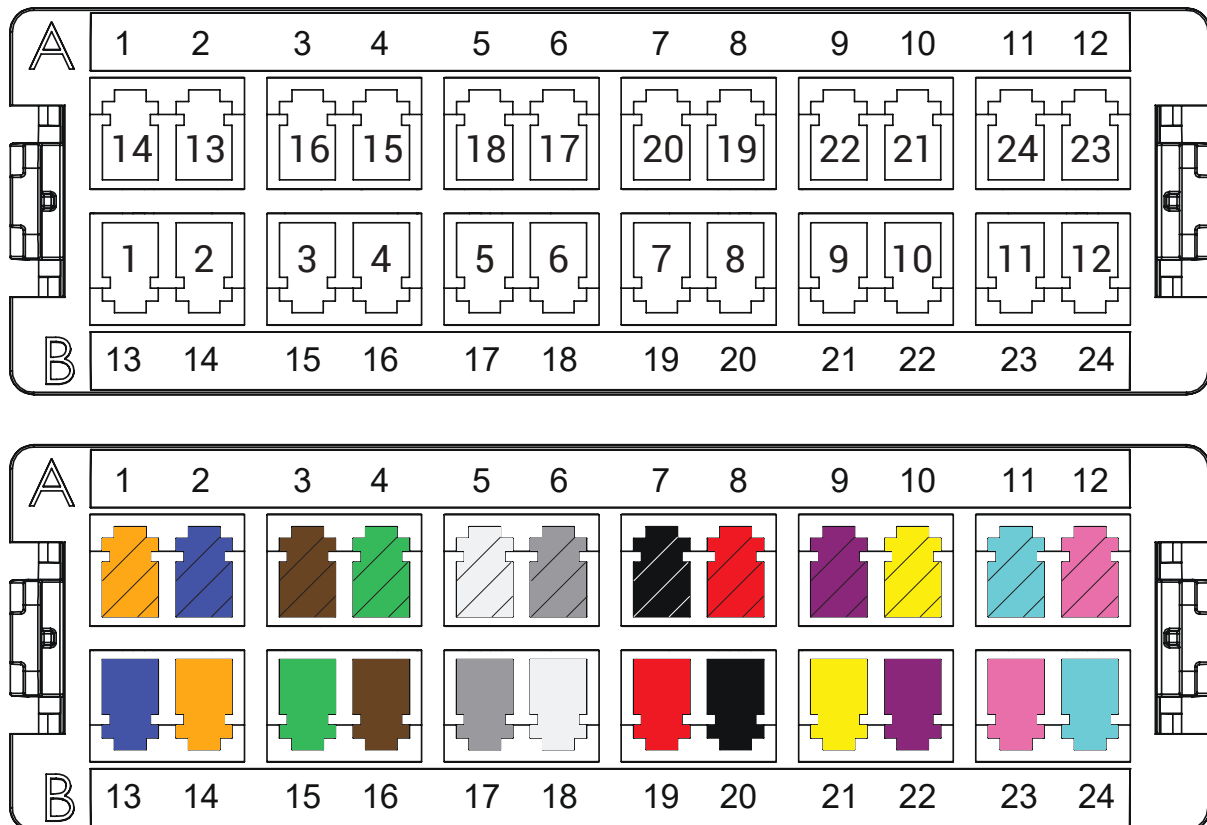
Polaritiy Wiring Of The MTP Cassettes | A Polarity | 1 x Base-24



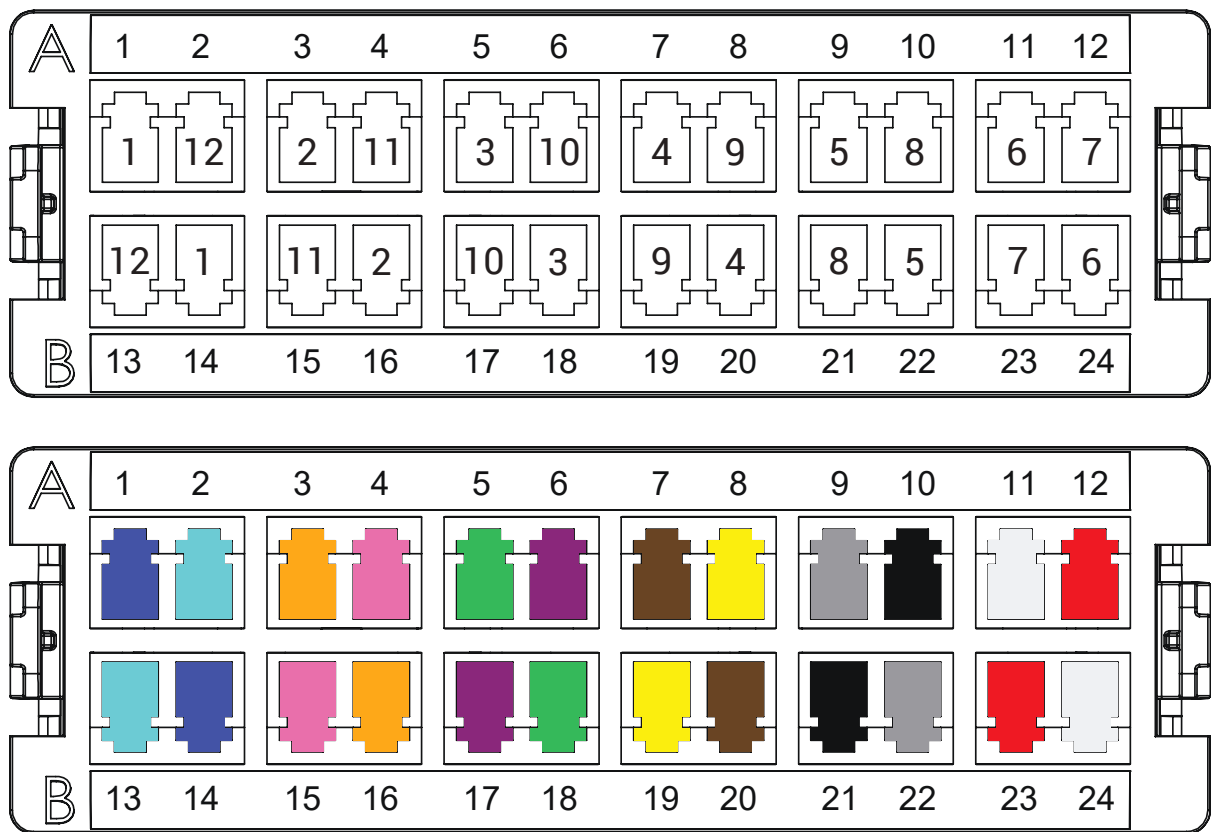
Polarity Wiring Of The MTP Cassettes | AF Polarity | 2 x Base-12



Polarity Wiring Of The MTP Cassettes | AF Polarity | 1 x Base-24



Polaritiy Wiring Of The MTP Cassettes | B Polarity | 2 x Base-12



Polaritiy Wiring Of The MTP Cassettes | B Polarity | 1 x Base-24

