

IANOS BASE-12 MTP-LC TRANSITION IANOS MODULE

PRODUCT OVERVIEW



Description

- 1x MTP12 to 6x LC duplex or 2x MTP12 to 12x LC-duplex conversion.
- Single and double module.
- Fast and tool-less installation.
- Facilitates patching to serial transceiver.
- Compact and robust plastic construction.
- Low insertion loss design.
- Available in Singlemode OS2 and Multimode OM3/OM4 performance.
- Compatible with IANOS EDR 1U/ 4U and EDR zero space chassis.
- Colour coded MTP and LC adapters.

Technical Data

Description	Value
Product family	IANOS ®
Suitable for	EDR chassis EDR zero space chassis
Dimensions (W x D x H)	Single module: 97 x 172 x 12 mm / 3.81 x 6.77 x 0.46 in Double module: 172 x 196 x 12 mm / 7.71 x 6.77 x 0.46 in
Weight	Single module: 89 g / 3.13 Oz Double module: 155 g / 5.47 Oz
Material	PC/ABS
Colour	Black (RAL 9005)
Number of adapters	Front: 6x LC-duplex (single module) or 12x LC-duplex (double module) Rear: 1x MTP12 (single module) or 2x MTP12 (double module)
Adapter types	Front: LC-duplex Rear: MTP12 KeyUp / KeyDown
Adapter colours	Front: Blue (SM/PC) Green (SM/APC) Turquoise (MM/OM3) Heather violet (MM/OM4) Rear: Black adapter with black shroud (MTP12)
Ferrule material	LC: Zirconia ceramic MTP: Composite / female gender

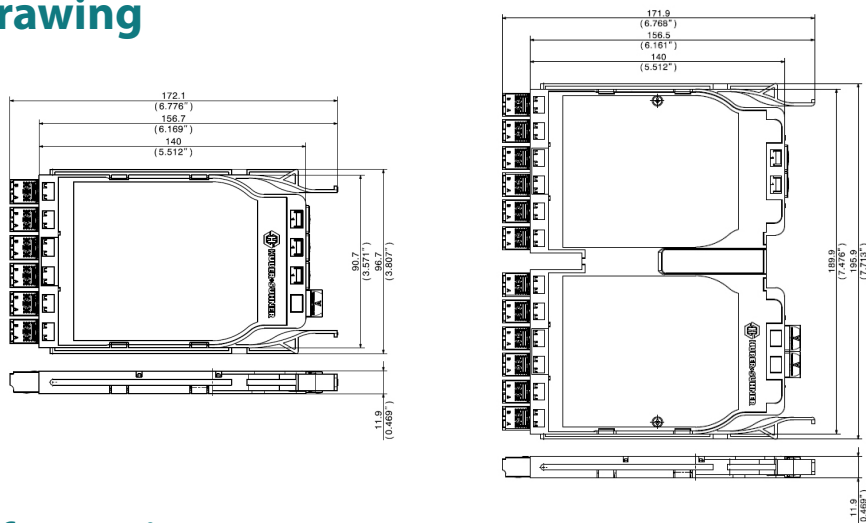
Optical Data

Characteristics	Value
Fibre count	Single module 12 - Double module 24
Fibre type	Singlemode 9/125 µm OS2 - Multimode 50/125 µm OM3 - Multimode 50/125 µm OM4
Module insertion loss	SM OS2: ≤0.50 dB - MM OM3: ≤0.45 dB - MM OM4: ≤0.35 dB
Module return loss	SM OS2 PC: ≥50 dB - SM OS2 APC: ≥60 dB MM OM3: ≥30 dB - MM OM4: ≥30 dB

Environmental Data

Characteristics	Value
Free of halogen	Yes
2011/65/EC (RoHS)	Fully compliant

Technical Drawing



Ordering Information

Description	Item Number
Transition module, single size, Base-12, front 6x LCD adapter turquoise, rear 1x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM3, fibre allocation A straight	85072942
Transition module, single size, Base-12, front 6x LCD adapter turquoise, rear 1x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM3, fibre allocation A pair flip	85072943
Transition module, single size, Base-12, front 6x LCD adapter heather violet, rear 1x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM4, fibre allocation A straight	85072944
Transition module, single size, Base-12, front 6x LCD adapter heather violet, rear 1x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM4, fibre allocation A pair flip	85072945
Transition module, single size, Base-12, front 6x LCD adapter blue, rear 1x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A straight	85072946
Transition module, single size, Base-12, front 6x LCD adapter blue, rear 1x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A pair flip	85073356
Transition module, single size, Base-12, front 6x LCD adapter green, rear 1x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A straight	85073357
Transition module, single size, Base-12, front 6x LCD adapter green, rear 1x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A pair flip	85072947
Transition module, double size, Base-12, front 12x LCD adapter turquoise, rear 2x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM3, fibre allocation A straight	85072957
Transition module, double size, Base-12, front 12x LCD adapter turquoise, rear 2x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM3, fibre allocation A pair flip	85072958
Transition module, double size, Base-12, front 12x LCD adapter heather violet, rear 2x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM4, fibre allocation A straight	85072959
Transition module, double size, Base-12, front 12x LCD adapter heather violet, rear 2x MTP12, pinned, adapter body black, shroud black, key up/ key down, OM4, fibre allocation A pair flip	85072960
Transition module, double size, Base-12, front 12x LCD adapter blue, rear 2x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A straight	85072961
Transition module, double size, Base-12, front 12x LCD adapter blue, rear 2x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A pair flip	85073364
Transition module, double size, Base-12, front 12x LCD adapter green, rear 2x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A straight	85073365
Transition module, double size, Base-12, front 12x LCD adapter green, rear 2x MTP12, pinned, adapter body green, shroud black, key up/ key down, OS2, fibre allocation A pair flip	85072962

Ver: EDPHSIB12MLTM0723.1