

IANOS® Base-12 MTP-LC transition module

Description

- Single module – 1 x MTP12 to 6 x LC duplex conversion
- Double module – 2 x MTP12 to 12 x LC duplex
- 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 adaptors



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 196 x 172 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 adaptors	front: 6 x LC duplex (single module) or 12 x LC duplex (double module) rear: 1 x MTP12 (single module) or 2 x MTP12 (double module)
Adaptor types	front: LC duplex rear: MTP12 Type A (Key Up / Key Down)
Adaptor colours	front: Blue (SM/PC) Green (SM/APC) Turquoise (MM/OM3) Heather violet (MM/OM4)
Ferrule material	rear: Black adaptor with black shroud (MTP12) LC: zirconia ceramic MTP: composite / male gender

Optical data

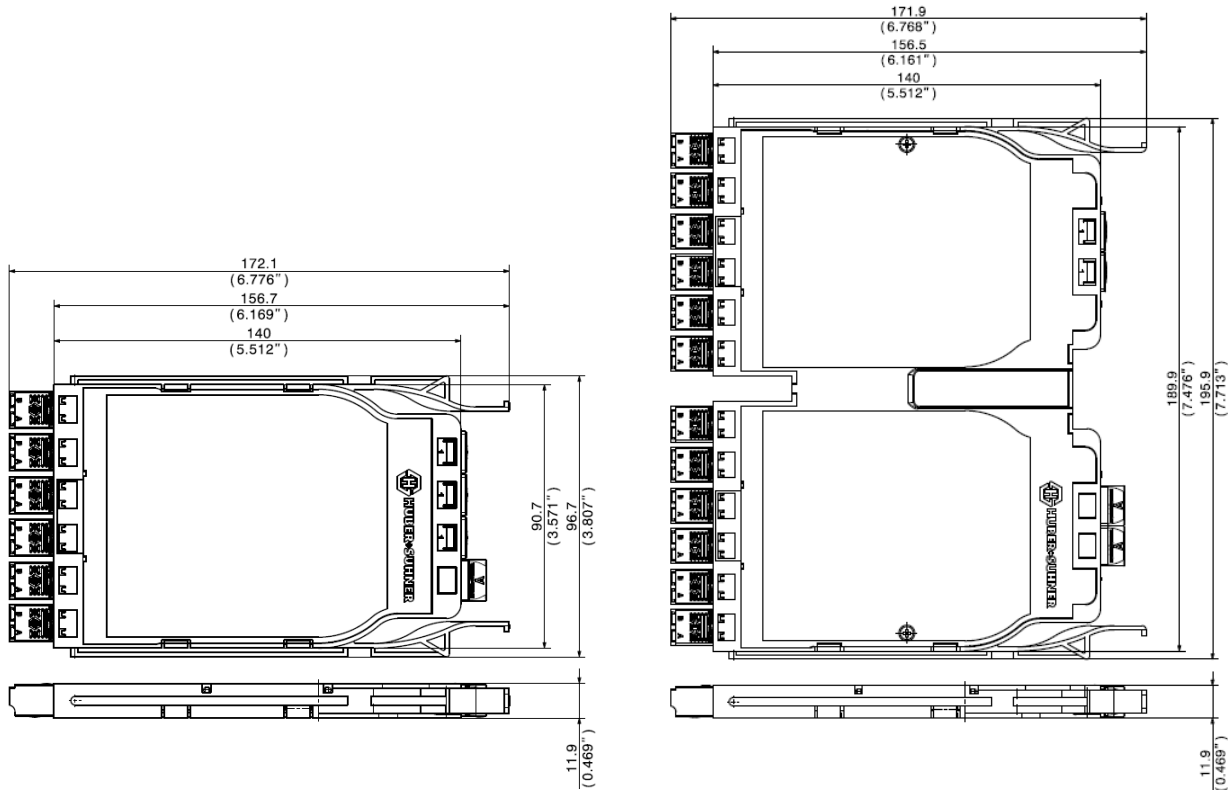
Description	Value
Fiber count	Single module: 12 Double module: 24
Fiber type	Singlemode 9/125 µm OS2 Multimode 50/125 µm OM3 Multimode 50/125 µm OM4
Module insertion loss	SM OS2: ≤0.50 dB MM OM3: ≤0.45 dB MM OM4: ≤0.35 dB
Module return loss	SM OS2 PC: ≥50 dB SM OS2 APC: ≥60 dB MM OM3: ≥30 dB MM OM4: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

Environmental data

Characteristics	Value
Free of halogen	yes
2011/65/EC (RoHS)	fully compliant

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Technical drawing



Ordering information

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

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Transition module, double size, Base-12, front 12 x LCD adaptor green, rear 2 x MTP12, pinned, adaptor body green, shroud black, 85072962
key up/ key down, OS2, fiber allocation A pair flip

Related documents

Installation manual DOC-0000730269