

IANOS BASE-8 MTP-LC TRANSITION IANOS MODULE

PRODUCT OVERVIEW



Description

- 1x MTP8 to 4x LC-duplex or 3x MTP 8 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: 82 g / 2.89 Oz Double module: 157 g / 5.54 Oz
Material	PC/ABS
Colour	Black (RAL 9005)
Number of adapters	Front: 4x LC-duplex (single module) or 12x LC-duplex (double module) Rear: 1x MTP8 (single module) or 3x MTP8 (double module)
Adapter types	Front: LC-duplex Rear: MTP8 KeyUp / KeyDown
Adapter colours	Front: Blue (SM/PC) Green (SM/APC) Turquoise (MM/OM3) Heather violet (MM/OM4) Rear: Black adapter with grey shroud (MTP8)
Ferrule material	LC: Zirconia ceramic MTP: Composite / female gender

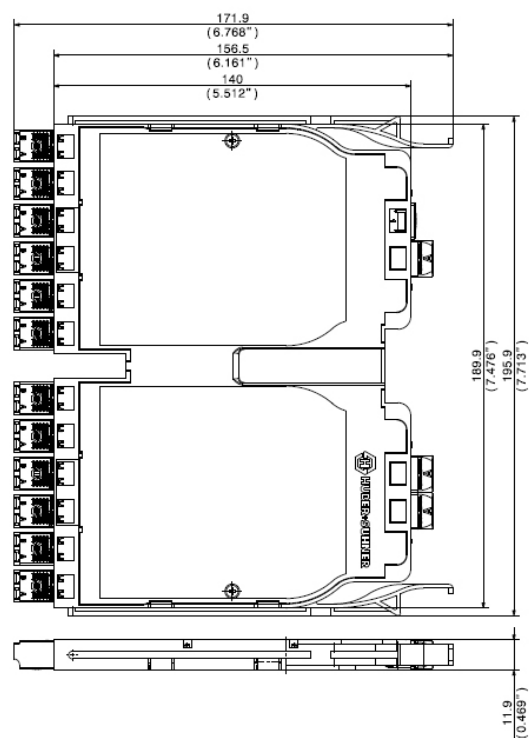
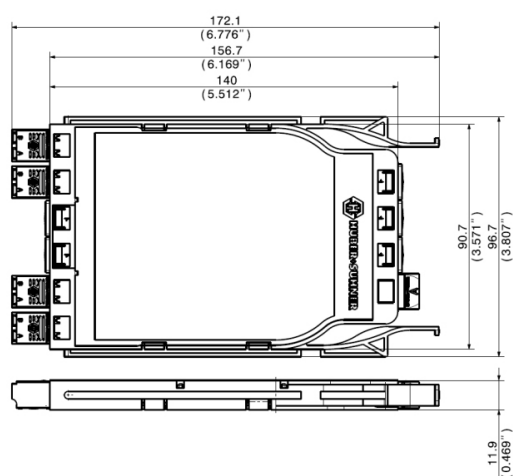
Environmental Data

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

Optical Data

Characteristics	Value
Fibre count	Single module 8 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

Technical Drawing



Ordering Information

Description	Item Number
Transition module, single size, Base-8, front 4x LCD adapter turquoise, rear 1x MTP8, non-pinned, adapter body black, shroud grey, key up/ key down, OM3, fibre allocation neutral straight	85072938
Transition module, single size, Base-8, front 4x LCD adapter heather violet, rear 1x MTP8, non-pinned, adapter body black, shroud grey, key up/ key down, OM4, fibre allocation neutral straight	85072939
Transition module, single size, Base-8, front 4x LCD adapter blue, rear 1x MTP8, non-pinned, adapter body green, shroud grey, key up/ key down, OS2, fibre allocation neutral straight	85072940
Transition module, double size, Base-8, front 12x LCD adapter turquoise, rear 3x MTP8, non-pinned, adapter body black, shroud grey, key up/ key down, OM3, fibre allocation neutral straight	85072954
Transition module, double size, Base-8, front 12x LCD adapter heather violet, rear 3x MTP8, non-pinned, adapter body black, shroud grey, key up/ key down, OM4, fibre allocation neutral straight	85072955
Transition module, double size, Base-8, front 12x LCD adapter blue, rear 3x MTP8, non-pinned, adapter body green, shroud grey, key up/ key down, OS2, fibre allocation neutral straight	85072956

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