

## IANOS® Base-12 MTP-SC transition module

### Description

- Transition double module – 1 x MTP12 to 12 x Simplex SC
- Fast and tool-less installation
- Facilitates patching to serial transceiver
- Compact and robust plastic construction
- Low insertion loss design
- Available in Singlemode APC and Multimode OM4 performance
- Compatible with all IANOS subracks
- Colour coded MTP adaptors



### Technical data

Description	Value
Product family	IANOS ®
Suitable for	All IANOS ® chassis
Dimensions (W x D x H)	Double module 196 x 172 x 12 mm / 7.71 x 6.77 x 0.46 in
Weight	Double module 155 g / 5.47 oz
Material	PC/ABS
Colour	black (RAL 9005)
Number of adaptors	front: 12 x SC simplex rear: 1 x MTP12
Adaptor types	front: SC simplex rear: MTP12 Type A (Key Up / Key Down)
Adaptor colours	front: Black (SM/APC)/ (MM/OM4/PC) rear: Black adaptor with black shroud (MTP12)
Ferrule material	SC: zirconia ceramic MTP: composite / male gender

### Optical data

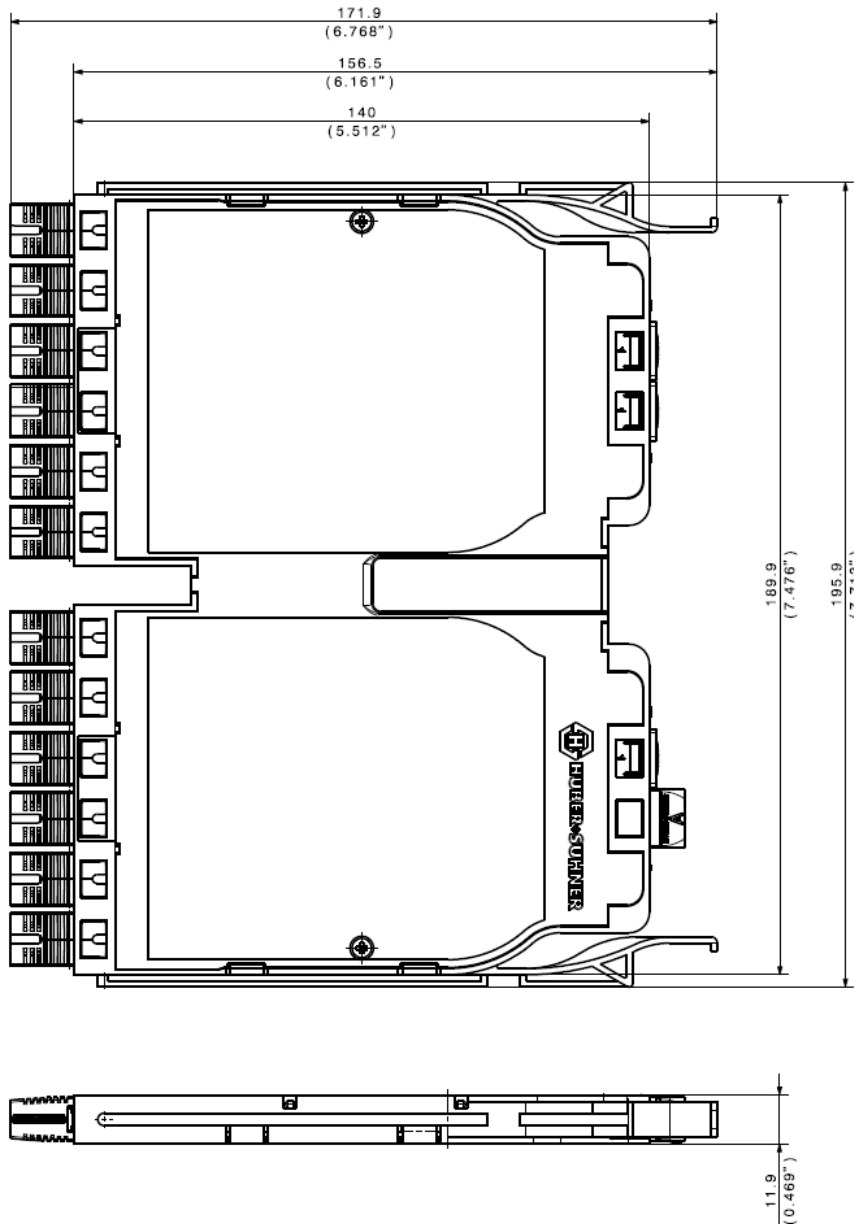
Description	Value
Fiber count	Double module: 12
Fiber type	Singlemode 9/125 µm APC Multimode 50/125 µm OM4
Module insertion loss	SM APC: ≤0.50 dB MM OM4: ≤0.35 dB
Module return loss	SM OS2 APC: ≥60 dB MM OM4: ≥30 dB

### Environmental data

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

## IANOS® Base-12 MTP-SC transition module

### Technical drawing



### Ordering information

Description	Item number
Base-12 MTP-SC transition double module, SM APC, 1 x MTP12 pinned (rear) - 12 x SC Simplex, polarity AS	85083804
Base-12 MTP-SC transition double module, SM APC, 1 x MTP12 pinned (rear) - 12 x SC Simplex, polarity AP	85085506
Base-12 MTP-SC transition double module, OM4 PC, 1 x MTP12 pinned (rear) - 12 x SC Simplex, polarity AS	85083808
Base-12 MTP-SC transition double module, OM4 PC, 1 x MTP12 pinned (rear) - 12 x SC Simplex, polarity AP	85085505

### Related documents

Installation manual      DOC-0000765314