



## Features

- Easy handling (plug and play)
- High packing density, up to 96 fibers per 19" 1U HD patch panel
- Low insertion loss performance
- Integrated bending radius limiter and hold-down cross
- Pre-numbered front plates, extra labeling field
- The multimode modules are available with newest OM4 fibres and are backwards compatible with OM3 fibres

## Technical data

Criteria	Date / value
Rack insert component	Insert module fitting to HD patch panel
Connector type rear	
Connector type	MTP Elite
Polish	APC 8° (SM), PC (SM, MM)
Color of connector	Black / yellow (SM), black / turquoise (MM)
Color of adapter	Black (Type A)
Connector type front	
Connector type	LC duplex, SC simplex, SC duplex, E-2000™ simplex
Polish	PC (SM, MM)
Color of connector	Blue (SM PC), beige (MM)
Color of adapter	Blue (SM PC), beige (MM)

## Mechanical characteristics

Criteria	Date / value
Material housing	Polycarbonate (PC), fiber-glass reinforced, halogen-free (UL 94 V-0)
Colors housing	Gray (NCS 2502-B) or black (RAL 9005)

## Environmental characteristics

Criteria	Date / value	Standard
Operating temperature	-10°C to +60°C	
IP protection class	IP20 (protection against contact)	IEC 60529

## Optical performance

Optical performance, IL	Singlemode	Multimode	Standard
Insertion loss (IL) typical value	≤ 0.25dB	≤ 0.10dB	IEC 61300-3-4 (against reference)
Insertion loss (IL) max. value	≤ 0.40dB	≤ 0.35dB	IEC 61300-3-4 (against reference)

Optical performance, RL		Standard
Return loss (RL)	≥ 35dB	IEC 61300-3-6

## Dimensions

