

Features

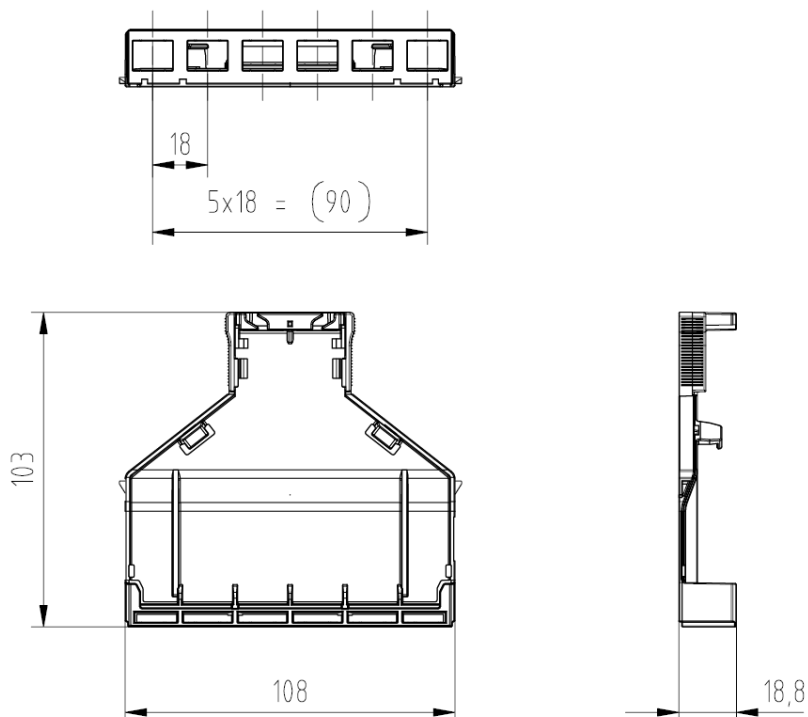
- Fast plug-and-play installation
- Low insertion loss by MPO Elite
- Type A wiring ensures easy polarity management
- Integrated cable guide
- Available with single mode (SM), multimode (MM) and wideband (WB) fiber
- Compatible with R&M *inteliPhy*

**Technical Data**

Rack insert component	Module fitting to Netscale 48 family of housings
Connector type rear	
Connector type	MPO Elite female (male on request)
Polish	APC 8° (SM), PC (MM, WB)
Color of adapter	Black (Type A "key-up / key-down")
Connector type front	
Connector type	LC-Duplex
Polish	APC 8° (SM), PC (SM, MM, WB)
Color of adapter	blue (SM PC), green (SM APC), beige (MM PC) and lime green (WB PC)
Total fiber count	12 (6x duplex)

Mechanical characteristics

Material housing	Polycarbonate + Acrylonitrile Butadiene Styrene (PC+ABS), halogen-free (UL 94 V-0)
Colors housing	Black (RAL 9005)
Dimensions	108 x 103 x 18 mm

Dimensions

This document was prepared the greatest possible care and reflects the current state of technology at the time of printing. Subject to corrections and technical changes.

Environmental characteristics

Operating temperature	-10°C to +60°C	
IP protection class	IP20 (protection against contact)	IEC 60529

Optical performance

Fiber type	Single mode	Multimode	
Insertion loss (IL) *	$\leq 0.35\text{dB}$	$\leq 0.35\text{dB}$	IEC 61300-3-4
Return loss (RL) *	$\geq 45\text{dB}$	$\geq 35\text{dB}$	IEC 61300-3-6

* The values stated are determined in accordance with the measurement procedures described in IEC 61300-3-4, IEC61300-3-6 respectively. If other measuring methods are used, deviating values may be obtained.

Ordering Information

Netscale 48 2 Module MPO-LC 6 Ports OM4 Type A black	R869120
Netscale 48 2 Module MPO-LC 6 Ports OM5 Type A black	R870471
Netscale 48 2 Module MPO-LC 6 Ports SM PC Type A black	R870472
Netscale 48 2 Module MPO-LC 6 Ports SM APC Type A black	R870473