

MPO Modul HD, 2xMTP12-female - 12xLC-Duplex, G.652.D, APC/PC, type A, gray



## DESCRIPTION

PRODUCT\_IMAGE

## SCOPE OF SUPPLY

- Slide-in unit, radius limiter radius 30 mm, labeling strips and installation instructions
- Plastic front panel equipped with 12 x LC-Duplex adapters and fan-outs inserted, rear side two MTP12-female connectors mounted

## TENDER

- MPO Modul HD front populated with 12 LC-Duplex adapters (split sleeve ceramic), at the back mounted with two MTP12-female adapters (type A), with 12-faser fan-outs, SM 9 µm G.652.D/G.657.A1 (OS1, OS2), assembly class in acc. with IEC 61753-1; the wiring inside the module is straight, key up to key down (according to method A from standard TIA 568-C); geometrical specifications of MPO (MTP) connectors in acc. with IEC 61754-7; incl. radius limiter at radius 30 mm and hold-down cross, fully populated, plastic front panel featuring per-numbered ports, tool-free locking and unlocking system and offering individual labeling options.

Features:

- Dimensions: 43.2 x 109.9 x 217 mm (W x H x D)
- Material: module and front panel: plastic (PC, fiber-glass reinforced, halogen-free, UL 94 V-0)
- Color: module and front panel: light gray (NCS 1005-R80B)

## TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Fiber type	Singlemode (SM)
Conductor type FO	semi-tight buffer, dry
Fiber class	G.657.A1 (covers G.652.D, OS1, OS2)
Fiber diameter	n.a.
Number of connectors (A)	2
Number of connectors (B)	12
Connector type (A)	MPO, female
Connector type (B)	LC-Duplex
Connector color (A)	black
Connector color (B)	blue
Polishing plug (A)	APC 8°
Polishing plug (B)	PC
Protection class IP (A)	IP 20
Protection class IP (B)	IP 20

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Return loss (RL)	≥ 45 dB
Insertion loss (IL) max. value	≤ 0.4 dB
Attenuation grade IL (A)	D
Wiring diagram	type A
Rack mounting version	slide-in unit
Adapter fastening method	end cap snap-in
Assembly	fully populated
Sleeve material	ceramic
Standard	UL Listed

### MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Dimensions	43.2 mm x 109.9 mm x 217.0 mm / 1.701 in x 4.327 in x 8.543 in (W x H x D)
Color Code NCS	S 1005-R80B
Material	plastic: PC, fiber-glass reinforced, halogen-free

### ENVIRONMENTAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Operation temperature	10 °C to 60 °C / +50 °F to +140 °F