

## HPLD/ HPLN overview

	HPLD automotive	HPLN automotive	HPLD D15	HPLN D15	HPLD D10	HPLN D10
Protection by reflexion	S	S	S	S	S	S
2-pole plug-in watchdog	-	-	S	S	O	O
3-pole plug-in watchdog	S	S	-	-	-	-
Temperature watchdog	S	S	S	S	O	O
Electrically isolated	S	S	S	S	O	O
Fibre breakage watchdog	S	S	S	S	O	O
RFID	O	O	O	O	O	O
LaserCap (protective window with AR)	O	O	O	O	O	O
Standard fibre protection (without protective window)	S	S	O	O	O	O
Hybrid cladding	S	S	O	O	-	-
Metal cladding with plastic	-	-	S	S	S	S
Cladding plastic only	-	-	-	-	O	O
Cooling system	S 10 bar	S 10 bar	O 5 bar	O 5 bar	O 5bar	O 5bar
Anti-rotation lock (key)	S	S	O	O	O	O
Splash guard	S	S	O	O	O	O
Cable colour yellow	S	S	S	S	O	O
Cable colour blue	-	-	O	O	S	S
Conical connector	S	S	-	-	-	-
Plug-in connector colour metal	O	O	S	S	S	S
Plug-in connector colour blue	S	S	O	O	O	O
Plug-in connector colour red	O	O	O	O	O	O
Plug-in connector with company logo	O	O	O	O	O	O
Standard receiver flange	O	O	O	O	O	O
Receiver flange with cooling system	O	O	O	O	O	O
Output class	bis 10 kW	bis 10 kW	bis 5 kW	bis 7 kW	bis 4 kW	bis 4 kW
Diode laser	S	-	S	-	S	-
Fibre laser	S	-	S	-	S	-
Nd:YAG laser	-	S	-	S	-	S
Fibre core diameter	Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm
Cable length	2 - 200 m	2 - 200 m	2 - 200 m	2 - 200 m	1 - 50 m	1 - 50 m
2 <sup>nd</sup> side can be configured with FOP-D10	O	O	O	O	S	S
2 <sup>nd</sup> side can be configured with FOP-D15	O	O	S	S	O	O
2 <sup>nd</sup> side can be configured with HPLK-FD80	O	O	O	O	O	O
2 <sup>nd</sup> side can be configured with SMAfree	O	O	O	O	O	O
Compatible	Trumpf, HIGHYAG, Optoskand	Trumpf, HIGHYAG, Optoskand	Trumpf, HIGHYAG, Optoskand	Trumpf, HIGHYAG, Optoskand	Trumpf, HIGHYAG	Trumpf, HIGHYAG

S = standard, O = optional

## HPLK overview

	CoolConnect®	FD80HR	FD80	FD80 basic	FD80 ModeStrip
Anti-rotation lock (key)	S	S	S	-	O
Protection by reflexion	S	S	-	-	O
Plug-in watchdog	O	O	O	-	O
Temperature watchdog	O	O	O	-	O
Electrically isolated	O	O	O	O	O
Fibre breakage watchdog	O	O	O	-	O
RFID	-	O	O	-	-
Cooling system	S 5bar	-	-	-	-
Output class	bis 1000 W	bis 600 W	bis 200 W	bis 200 W	bis 200 W
Can be combined with					
SMA, SMAfree	O	O	O	O	O
FOP-D10	O	O	O	-	O
Metal cladding	S	S	S	S	S
Plastic cladding	-	O	O	O	O
Metal cladding					
Cable colour blue	S	S	O	O	O
Cable colour yellow	O	O	O	O	O
Cable colour black	O	O	O	O	O
Cable colour grey	O	O	O	O	O
Connection flange	O	O	O	O	O
Cable length	1 - 50 m	1 - 50 m	1 - 50 m	1 - 50 m	1 - 50 m
Fibre core diameter	Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 100 µm Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 100 µm Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 100 µm Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm	Ø 100 µm Ø 200 µm Ø 300 µm Ø 400 µm Ø 600 µm Ø 800 µm Ø 1000 µm Ø 1200 µm Ø 1500 µm
Compatible	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi

S = standard, O = optional



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