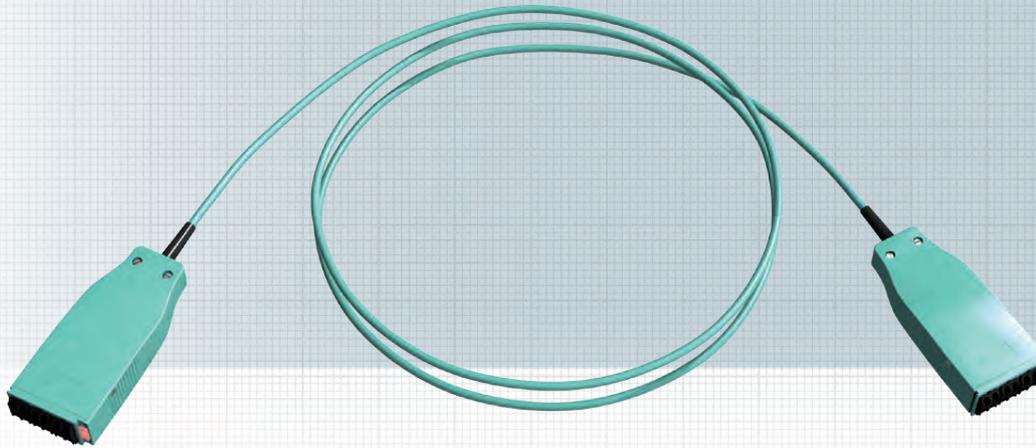


H.D.S. High Density System FO with LED Blinking Function



The H.D.S. FO is designed for fiber optic connections in data centers. It is ideal for cabinet-to-cabinet connections or attaching consolidation points. The pre-assembled solution, which comes with testing reports, is designed for 10 GBit Ethernet transmission (acc. to IEEE 802.3) and features six LC duplex connections in the trunk cable. The entire cable bundle is split inside the module housing and connected at the factory directly to the LC duplex modules. This means that no additional connection is required in the module, which in turn results in significantly less return losses.

Depending on the existing infrastructure and the required link length, the user can choose between singlemode OS2 and multimode fibers OM3 and OM4 in the trunk cable.

After installation, both 6-port modules are simply mounted into an H.D.S. installation frame in the distributor cabinet or the floor box. The system offers various racks for 19-inch distributors as well as the floor box. Up to 168 LCD ports on 3 height units can be connected, i.e. up to 18 LCD ports in the sub-floor installation.

The integrated LED function indicates the matching removed cable end for all H.D.S. links. To do so, the user touches the module on one side of a H.D.S. link to an LED detector, and will then see the matching module light up on the link side that has been removed. This significantly simplifies repatching when performing maintenance. An MPO connection can be used instead of the fixed installation cable. Note - the saCon® blinking function is not supported by the MPO version.

Standards:

IEEE 802.3; IEC 888; 10GBase-SR/SW; DIS14165-111

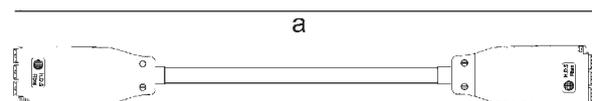
Properties:

Cable

Description	I-DQ(ZN)H 2x6 XX + 2xAWG26
Optical data	OS2; OM3; OM4
Sheath	FRNC; Color: OS2 yellow; OM3 aqua; OM4 heather violet
Flame Retardancy Index	IEC 60332-3
Bending radius (inst.)	100mm
Bending radius (rest)	50mm
Max. tensile strength	320N

Module

Material	Plastic; Color: OM4 heather violet, OM3 aqua; OM2/APC green;
Jacks	OM2/PC blue 6 x LC duplex modules



Description	Part number
H.D.S. FO 6x LC-D MM OM4 heather violet with LED blinking function	LH642200000
H.D.S. FO 6x LC-D MM OM3 aqua with LED blinking function	LH632200000
H.D.S. FO 6x LC-D SM OS2 blue with LED blinking function	LH602200000
H.D.S. FO 6x LC-D-APC OS2 green with LED blinking function	LH692290000