



# FO-DCS 3U/7HP splice plug-in modules, 6x LCD, OM3

for FO-DCS modular subracks / panels

with 1x 12 pigtails OM3, OM4, OS2 and 6 LCD adapters



High-performance FO-DCS splice plug-in modules, 12F, 3U/7HP

## Description

Polycarbonate (PC) housing with press-fit side panels and polycarbonate (black) or aluminium front panel (3U/7HP).

Equipped with 1 splice cassette for 12 fibres.

Splice cassette has splice reserve on both sides (cable / pigtail), splice comb and strain relief.

Black PC front panels provide labelling strips on both sides of the LCD ports for customer-specific printing. Fixed with two knurled screws (captive).

There is a separate distribution box available for the partition of multi-fibre loose tube cables or for storing the excess tube lengths.

## Application

FO-DCS splice plug-in modules are suitable for all high-performance applications with duplex signals, particularly in the data centre environment.

They find modular application in FO-DCS modular panels (19"/1U) or in FO-DCS subracks (19"/3U, 19"/4U).

They are used to accept fibre optic cables which are spliced in-situ.

Packing densities of up to 144 fibres on 3U are achieved with these plug-in modules.

They are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

## General properties

Acceptance capacity	6 LC Duplex ports (12 fibres)
Fully equipped	yes
System	FO-DCS
Outer dimensions (HxWxD)	3 U, 129 mm x 35 mm x 180 mm

## Optical Properties

Adapter, front side	6 x LCD/PC, turquoise (Dust plug)
Adapter colour, front side	turquoise
Adapter material, front side	Polymeric
Adapter type, front side	LCD/PC
Connectors, front side	12 x LC/PC 0°
Connector type, front side	LC
Ferrule material, front side	Zirconia (ZrO <sub>2</sub> )
Ferrule polishing, front side	PC 0°
Insertion loss (IL), maximal, front side	0.25 dB
Insertion loss (IL), typical, front side	0.1 dB
Number of adapters, front side	6
Number of connectors, front side	12
Return loss (RL), minimal, front side	35 dB
Return loss (RL), typical, front side	40 dB
Sleeve material, front side	Zirconia (ZrO <sub>2</sub> )
Fibre type	G50/125 OM3

## Mechanical properties

Dust protection, frontside	yes
Dust/Laser protection, frontside	Dust plug
Laser protection, backside	no

## Scope of delivery

Housing with front panel, equipped with 6 LC Duplex adapters (ceramic sleeves).  
 Rear fitted with one M12 cable entry.  
 1 splice cassette with cover and splice comb for 12 fibres.  
 1 pigtail set (1.3 m), 12x LC (ceramic ferrules).

## Versions

Material number	Product	Colour	Material	Weight [kg]	GTIN / EAN
57153600ZY	FO-DCS 3U/7HP splice plug-in module, 6x LCD, OM3	black	Polycarbonate (PC)	0.3 kg	40393910006285