


38115801	<b>DATA SHEET</b>	
Valid from: 09.11.2023	<b>EPIC® DATA FFC-SC-S*-OS2-F*-10PCS</b>	

## Description

- Hybrid Connector kit with mating face SC-simplex for singlemode fibres 0,25mm/singlemode cores 0,9 mm or singlemode cable 2,0/3.0 mm
- SC APC OS2/SC UPC OS2
- Simple, fast assembly without polishing and without gluing
- With dust protection and cable boot



## General parameters

Type	Plug, field-attachable
Connection technology, plug	interface 1: SC-Simplex (SC-S) interface 2: mechanical splice, fibre cut diagonally
Fibre type	singlemode, OS2
Protection class	IP 20
Temperature ranges: Operating temperature	-25°C ... 70°C / -13°F... 158°F
Storage temperature	-25°C ... 70°C / -13°F... 158°F
Allowed humidity	0 % ... 95 %
Compliances	RoHS compliant REACH compliant


## Variants

Article	Designation	Cut type (S*)	Housing colour	Suitable for (F*)	PU
38115801	EPIC® DATA FFC-SC-APC-OS2-0.25/0.9-10PCS	APC	green	fibre 0,25 mm core 0,9 mm	10 pcs
38115802	EPIC® DATA FFC-SC-APC-OS2-2/3-10PCS	APC	green	cable 2,0 mm/3.0 mm	10 pcs
38115803	EPIC® DATA FFC-SC-UPC-OS2-0.25/0.9-10PCS	UPC	blue	fibre 0,25 mm core 0,9 mm	10 pcs
38115804	EPIC® DATA FFC-SC-UPC-OS2-2/3-10PCS	UPC	Blue	cable 2,0 mm/3.0 mm	10 pcs

## Optical parameters

Insertion loss (max.)	0.5 dB
Return loss (min.)	UPC: 50 dB APC: 60 dB

Creator: THLE3/PDP Released: FEL11/PDP	Dokument: DB38115801EN Version: 03	page 1 of 2
---	---------------------------------------	-------------

38115801	<b>DATA SHEET</b>	
Valid from: 09.11.2023	<b>EPIC® DATA FFC-SC-S*-OS2-F*-10PCS</b>	

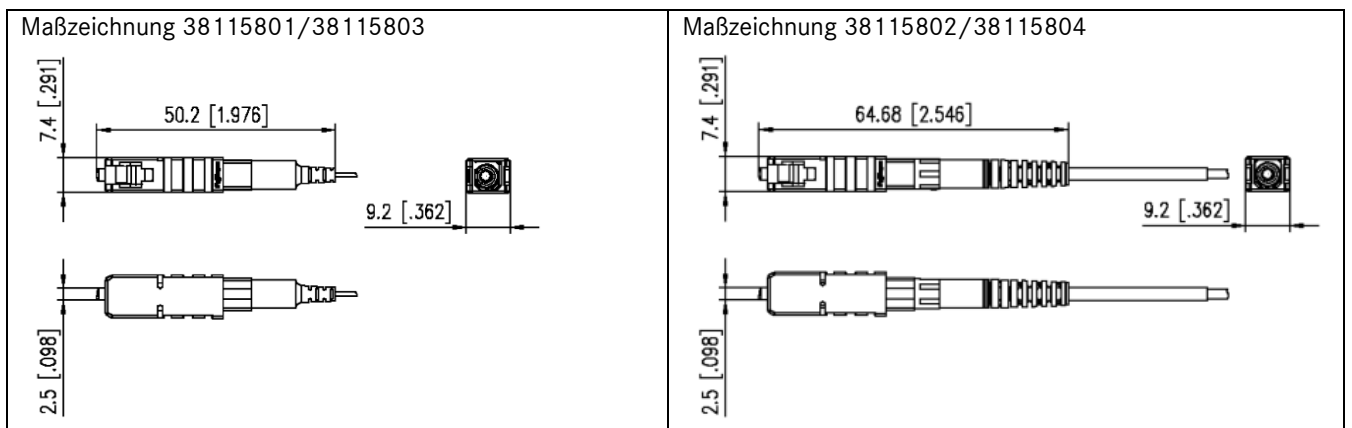
### Mechanical parameters

Cable access/outlet	180°
Ferrule Ø	1,25 mm
Tensile strength (at cable outlet)	5 N for fibre/core 0,25/0,9 mm 70 N for cable 2/3 mm
Plug-in cycles (min.)	500

### Materials and material properties

Ferrule, material	ceramic
Housing, material	plastics
Cable boot, material	elastomer
Dust protection, material	elastomer

### Technical drawings



### Standard

Fibre optic connector interface for type SC IEC 61754-4

### Scopes of application

Data centres, FTTH (Fiber to the Home), FITH (Fiber in the Home), repair work in the field

### Note

Photographs are not to scale and do not represent detailed images of the respective products.

Creator: THLE3/PDP Released: FELI1/PDP	Dokument: DB38115801EN Version: 03	page 2 of 2
---	---------------------------------------	-------------