

# Data Sheet

## SUCOFLEX\_Stock Assembly

### Description

The SUCOFLEX 126\_E high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements – in particular stability and low loss, are important.

**Product description** SF126E/SMAM/SMAM/500mm  
**Item number** 85072824



### Product Configuration

Cable type	SUCOFLEX_126_E
Length of assembly	500 mm
Connector A	SMA straight male
Connector B	SMA straight male

### Technical Data

#### Mechanical Data

Diameter:	5.5 mm
Min. bending radius static	16 mm
Min. bending radius repeated	25 mm
Recommended mating torque (*)	0.8... 1.1 Nm
Weight	53 g

#### Environmental Data

Operating temperature	- 40°C to + 85°C
Storage temperature	- 40°C to + 85°C
RoHS, REACH	Compliant

#### Electrical Data

Impedance	50 Ω
Operating frequency	up to 18 GHz
Velocity of propagation	77 %
Capacitance	87 pF / m
Time delay	4.3 ns / m

Return Loss	min. 19.0 dB	(up to 18 GHz)
Insertion loss (assembly)	max. 0.82 dB	(18 GHz, 25°C)
Power handling	min. 160 W	(18 GHz, sea level, 25°C)
Insertion loss stability vs. bending (**)	+/- 0.2 dB	(up to 18 GHz)
Phase stability vs. bending (**)	< 0.9°	(el/GHz)

### General Information

(\*) H+S torque wrench H+S description: 74\_Z-0-0-21 // material/item number: 22543130  
 (\*\*) Stability test 360°, diameter 55 mm

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Huber & Suhner](#) manufacturer:*

Other Similar products are found below :

[3402.17.A](#) [31 MMBX-SMA-50-1/111 NE](#) [74Z-0-23-17](#) [65 SMA-50-0-1/111 NE](#) [32 MMBX-50-0-6 / 111 NE](#) [Mini141 K-16](#) [7404.17.0003](#)  
[33\\_N-SMA-50-51/1--\\_UE](#) [76\\_Z-0-2-1](#) [Minibend L-13](#) [Microbend MTR-11](#) [16\\_N-50-3-103/133\\_NE](#) [Microbend R-4.5](#) [74\\_Z-0-0-53](#)  
[85\\_SMC-50-0-1/133\\_NE](#) [31\\_PC35-50-0-2/199\\_NE](#) [65\\_BNC-50-0-2/133\\_NE](#) [1399.17.0125](#) [76\\_Z-0-4-1](#) [80346275](#) [11\\_C-50-7-6/133\\_NE](#)  
[6620\\_SMA-50-2/199\\_NE](#) [Minibend R-5.5](#) [11\\_SMB-50-2-41/111\\_NE](#) [Mini141 K-8](#) [74\\_Z-0-0-246](#) [22\\_BNC-50-0-5/133\\_NE](#) [6500\\_N-50-](#)  
[1/199\\_NE](#) [6560.17.AA](#) [3401.17.0033](#) [11\\_N-50-2-1/133\\_NE](#) [3401.00.0022](#) [74\\_Z-0-0-142](#) [11\\_QLA-01-2-8/122\\_NE](#) [34\\_BNC-50-0-6/100\\_NE](#)  
[74\\_Z-0-0-59](#) [Minibend R-6.5](#) [21\\_N-75-4-8/133\\_NE](#) [24\\_BNC-75-2-1/133\\_NE](#) [24\\_H4-50-3-1/133\\_NE](#) [Minibend-14](#) [31\\_SHV-50-0-1/133\\_NE](#)  
[23\\_SK-50-0-52/199\\_NE](#) [74\\_Z-0-0-214](#) [23\\_BNC-50-0-2/133\\_NE](#) [74\\_Z-0-0-60](#) [33\\_SK-PC24-50-1/199\\_NE](#) [24\\_N-50-7-8/133\\_NE](#) [74\\_Z-0-0-](#)  
[157](#) [6810\\_N-50-1/1--\\_NE](#)