

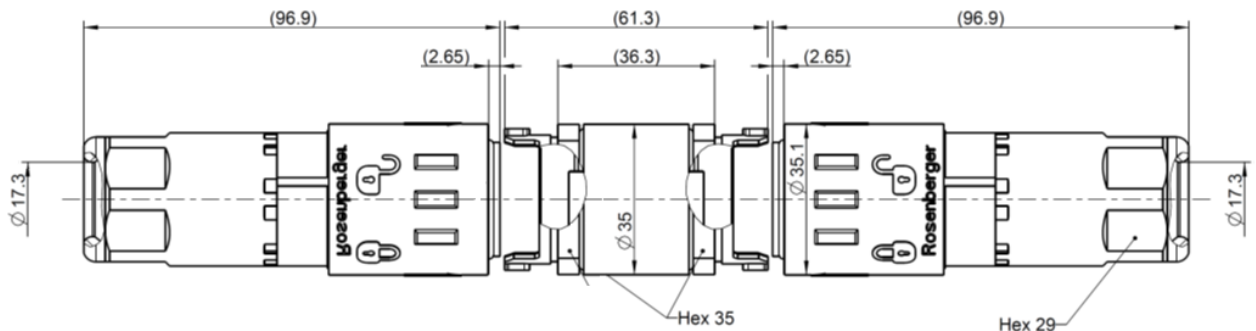
Technical Data Sheet

Rosenberger

RFE

SM Coupler kit with RFE to RFE connection for LCD

FB-SLFDU038-02



All dimensions are in mm; tolerances according to ISO 2768 c-H

Description

The RFE (Rosenberger Fiber Enclosure) is a convenient solution to seal two fiber optic cable assemblies. The SLFDU038-02 is designed for the connection of two LC duplex assemblies via a single mode LCD coupler. The coupler is placed in a plastic housing. The connection is watertight according to IP 67 standard and UV resistant.

Components

RFE (Rosenberger Fiber Enclosure)	2 pcs, (details in datasheet 98Z111-Sxx)
RFE (Rosenberger Fiber Enclosure) flange	2 pcs, (see details in datasheet 98Z113)
Single mode LC duplex adapter	1 pcs. Material = Zirkonia Colour = blue

Mechanical data*

Mating cycles	> 25	
Tightening torque gland	≤ 3 Nm	
Suitable cable diameter	4.5-9 mm	
Pulling axial	> 200 N	
Pulling 90°	> 125 N	
Cable retention force	Ø 4.5 mm	40 N typ.
	Ø 7 mm	80 N typ.

*Limitations are possible due to the used cable material.

Environmental data*

Operation temperature range	-40°C to +70°C
Storage temperature range	-40°C to +90°C
Degree of protection*	IEC 60529, IP67 in mated condition
Temperature / Humidity	IEC 61300-2-22
Salt mist	IEC 61300-2-26 (192h), GR 3108 Class IV (720h)
Vibration	IEC 61300-2-1
RoHS	compliant
Fire protection classification	UL94 V0

Packing

Standard	1 pcs. in bag
Weight	TBD. g. / pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
M. Wimmer	10.08.2018	M. Wimmer	10.08.2018	100	18-0005	M. Wimmer	10.08.2018

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