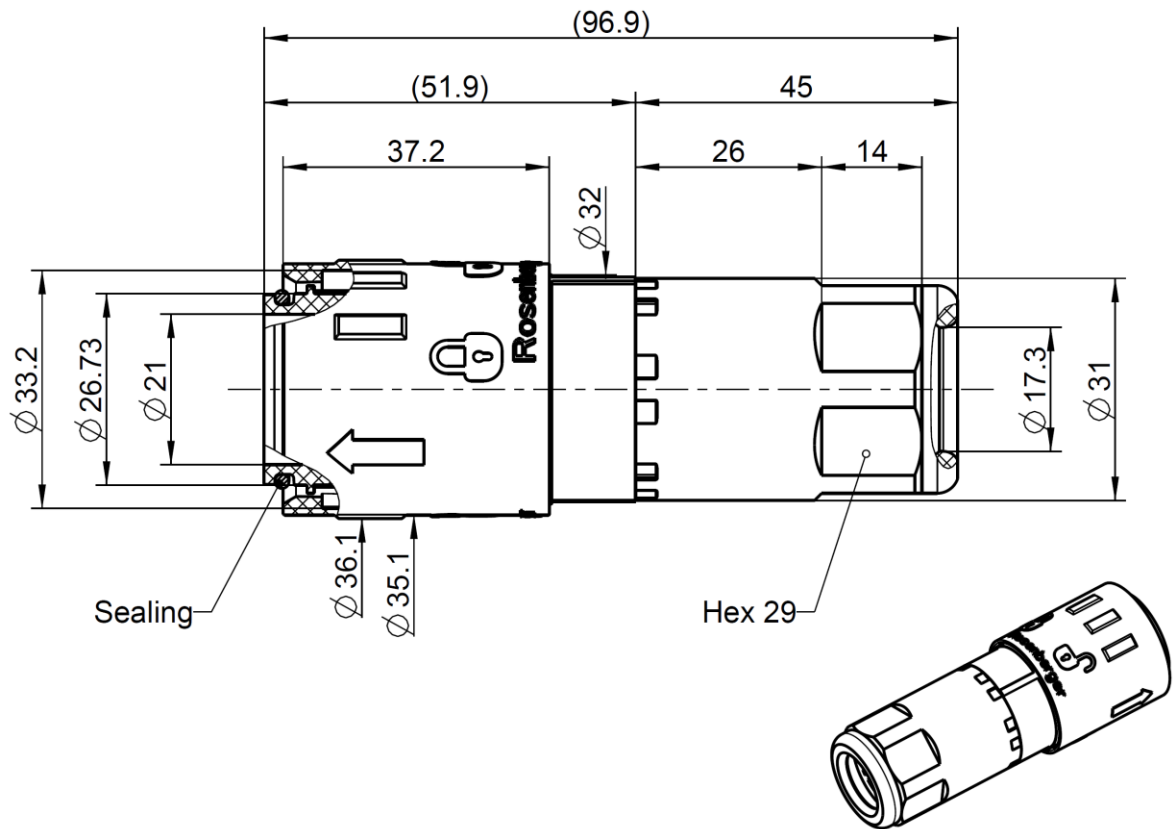




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

The RFE 2.0 (Rosenberger Fiber Enclosure) is a watertight and UV resistant enclosure for various fiber optic connectors.

Assemblies can be fed through the enclosure, therefore it is suitable for field installation. It has a self-blocking bayonet coupling mechanism which can't be opened as long as the cable gland is not loosened to avoid damage to the fiber. The RFE 2.0 is available for following cable diameter

Part No.	Usable for cable diameter
98Z111-S00	Without rubber seal
98Z111-S04	4.5 mm – 9.5 mm

Documents

Assembly instruction

98 A7

Technical Data Sheet

Rosenberger

RFE 2.0 – Rosenberger Fiber Enclosure

98Z111-SXX

Material for Connectors

Parts	Material
RFE Body:	PBT
Gland:	PA
Gasket:	Silicone

Mechanical Data*

Mating cycles	> 25
Tightening torque gland	≤ 3 Nm
Pulling axial	> 150 N
Pulling 90°	> 120 N

*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

Weight

58.44 g / pc

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
Ch. Link	28.06.2016	J. Gramsamer	20/02/25	a02	25-RL009	U. Ferraz	20/02/25

Rosenberger Hochfrequenztechnik GmbH & Co. KG
P.O.Box 1260 D-84526 Tittmoning Germany
intern / internal
www.rosenberger.de

Tel. : +49 8684 18-0
Email : info@rosenberger.de

Page

2 / 2