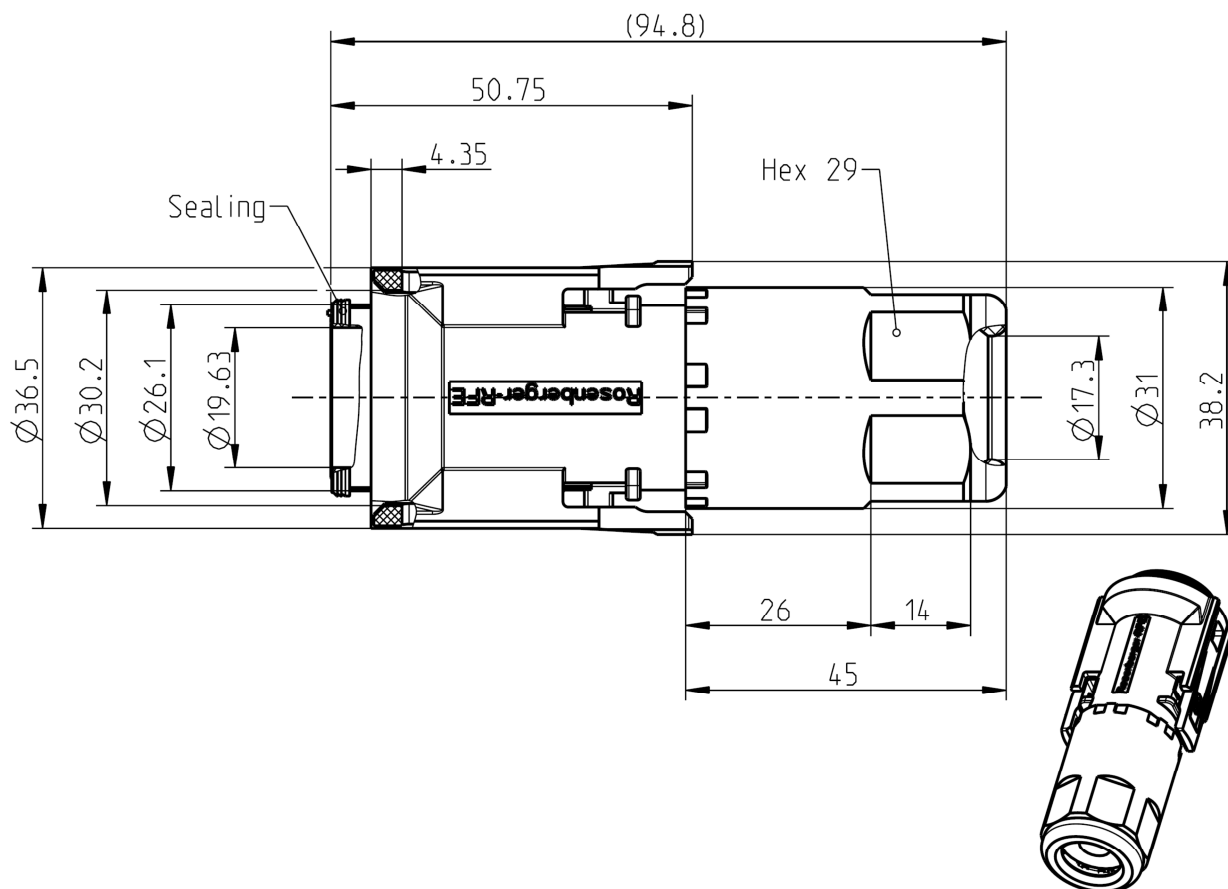




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

The RFE (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 works with a spring lock, that fits on a bayonet coupling.

Documents

Assembly instruction

MA 98 A1

Material for connectors

Parts

Material

RFE Body:

PA

Gland:

PA

Gasket:

Silicone

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RFE – Rosenberger fiber
Enclosure

FB-98Z105-S00

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 typ.	Ø 4.5 mm	40N typ.
	Ø 7 mm	80N 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
2002/95/EC (RoHS)	compliant
Fire protection classification	UL94 V0

Packing

Standard	1 pcs. in bag
Weight	31.52 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
S.Gleich	16.08.12	Gramsamer J.	06.05.14	a00	14-s104	Markus Wallner	06.05.14
Corporate Headquarters Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O. Box 1260 D-84526 Tittmoning Germany Tel. +49 8684 18-0				Rosenberger Site Solutions, LLC P.O. Box 4268, Lake Charles, LA 70606 Ph.337.598.5250 Fax: 337.598.5290 rlss@rlss.us www.RosenbergerOnline.us			Page 2 of 2