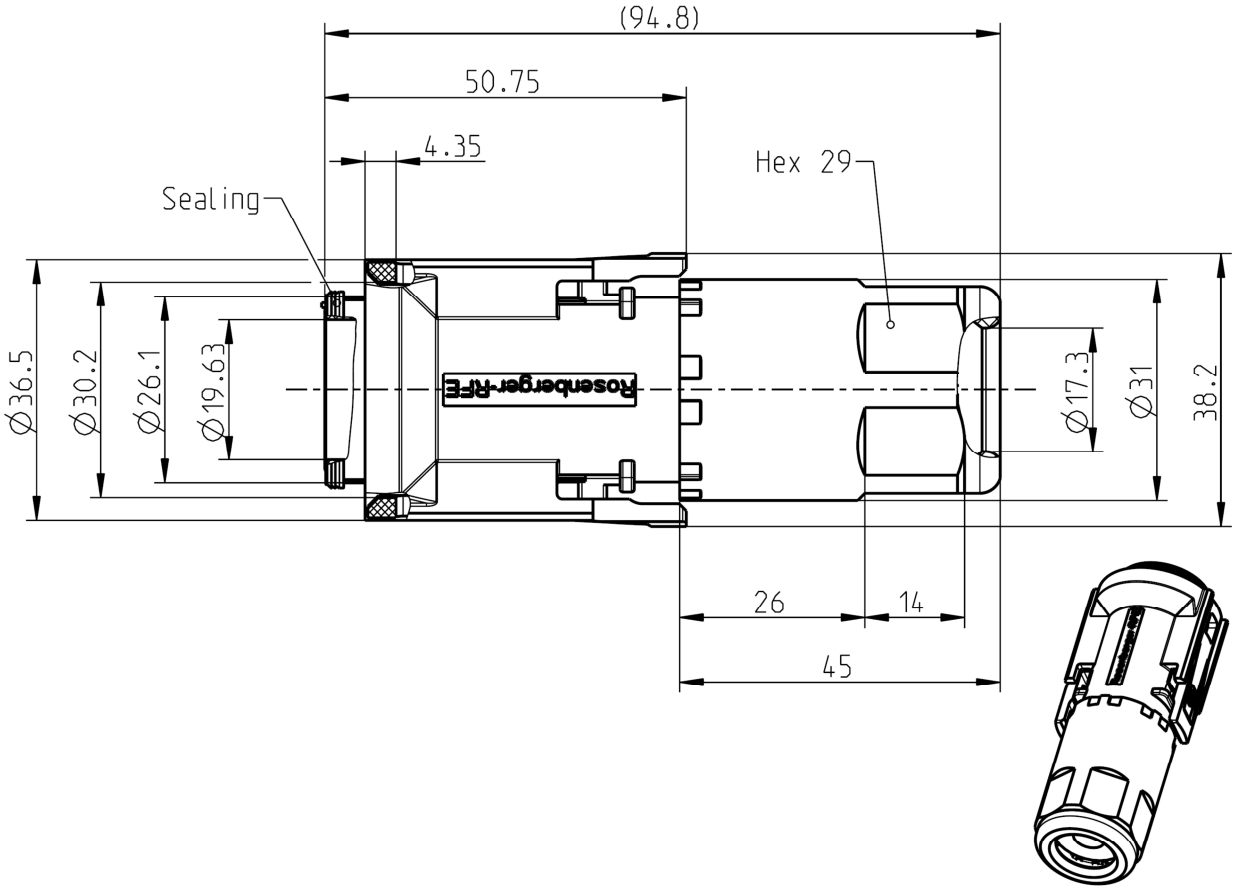
Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RFE – Rosenberger fiber Enclosure

FB-98Z105-S00



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

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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