

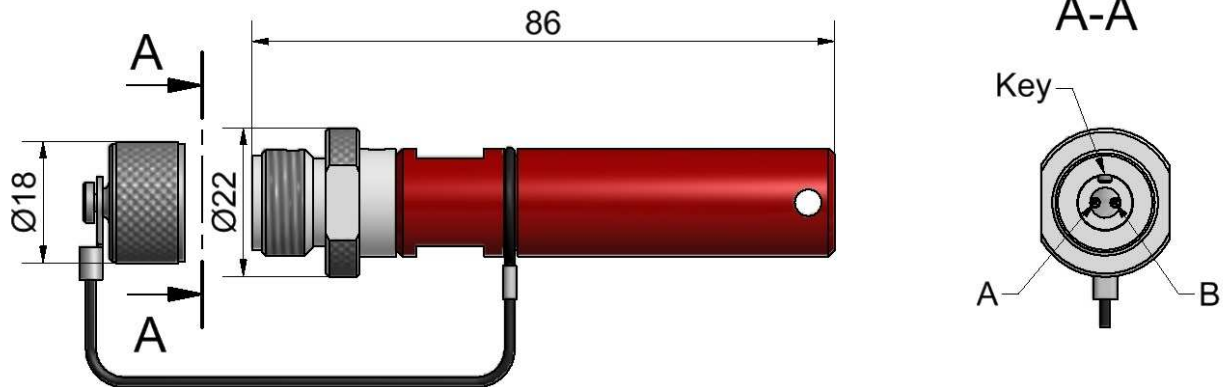
Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RDC

Rosenberger Duplex Connector,
Loop adapter, female, 9/125 µm

FB-98RDCK120-L00



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

Description

Female loopback adapter for Rosenberger Duplex Connector (RDC), singlemode version; Both optical contacts are connected together. It allows a self-test of a device or a measurement of a link from one side.

Interface

According to

No current standard, intermateable with ODC®-2
Approved by 3rd party test (VDE)

Fiber type

Multimode

9/125 µm

Optical data

Return loss

≥ 55 dB

Insertion loss

0.5 dB typical

0.7 dB maximum

Material and plating

Connector parts

Connector body
Ferrules, 2 x Ø 1.25

Material

Aluminium
Zirkonia

Plating

red anodized
-

Mechanical data

Mating cycles

≥ 500

Straight pulling, plug

800 N

Coupling torque

1.0 to 2.0 Nm

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RDC

Rosenberger Duplex Connector,
Loop adapter, female, 9/125 µm

FB-98RDCK120-L00

Environmental data

Temperature range	-40 °C to +85 °C
Vibration	IEC 61300-2-1
Salt mist	IEC 61300-2-26, 30 days
Ingress Protection, mated	EN 60529 IP 67
2002/95/EC (RoHS)	Compliant

Tooling

Pre Adjusted RDC Torque Wrench 98W009-000

Available as option.



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. Schmidt	2013-04-29	S. Gleich	2013-04-29	A00	13-0004	S. Schmidt	2013-04-29
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.rlss.us			Page 2 of 2