



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

Description

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

Singlemode 9/125 µm

Optical data

Return loss ≥ 50 dB
Insertion loss 0.5 dB typical
0.7 dB maximum

Material and plating

Connector parts

Connector body	Aluminium	Plating	red anodized
Ferrules, 2 x Ø 1.25	Zirkonia		-
Gasket	Silicone		rubber

Mechanical data

Mating cycles ≥ 500
Straight pulling, plug 800 N
Coupling torque 1.0 to 2.0 Nm

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RF_35/06:10/1.0

Environmental data

Temperature range	-25 °C to 70 °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
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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.Gleich	2013-01-14	S. Schmidt	2013-01-14	A00	13-0004	S. Schmidt	2013-04-26
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax. : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2