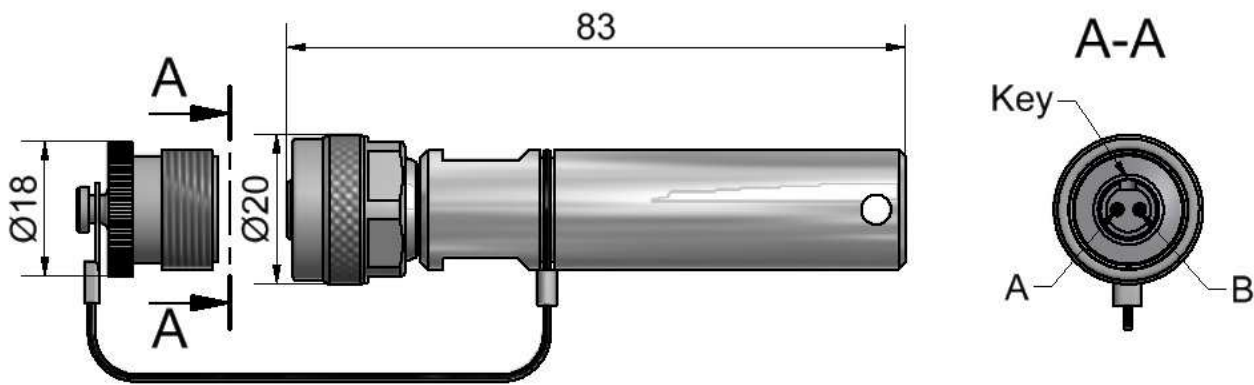


Technical Data Sheet		Rosenberger Rosenberger Site Solutions, LLC	
RDC	Rosenberger Duplex Connector, Loop adapter, male, SM	FB-98RDCS120-L00	
 All dimensions are in mm; tolerances according to ISO 2768 m-H Description Loopback adapter for Rosenberger Duplex Connector (RDC), singlemode version; Both optical 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 Insertion loss ≥ 50 dB 0.5 dB typical 0.7 dB maximum Material and plating Connector parts Connector body Ferrules, 2 x Ø 1.25 Gasket Material Aluminium Zirkonia Silicone Plating red anodized - rubber Mechanical data Mating cycles Straight pulling, plug Coupling torque ≥ 500 800 N 1.0 to 2.0 Nm			
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 1 of 2

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

RDC

Rosenberger Duplex Connector,
Loop adapter, male, SM

FB-98RDCS120-L00

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

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
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