

Technical Data Sheet

Rosenberger

Cable assembly
SMA / SMA – RTK-Flex402

72W-32S1-32S1-XXXXX



All dimensions are in mm; tolerances:
 ≤ 100 : $XXX \pm 2.0$; > 100 to ≤ 1500 : $XXX \pm 5.0$; > 1500 to ≤ 3000 : $XXX \pm 10.0$; > 3000 : $\pm 1.5\%$

Available variants

Type	Max Insertion Loss	Marking	Weight (g) / pce
72W-32S1-32S1-XXXXX	≤ 0.0023 dB/mm * A mm + 0.25 dB	Rosenberger NA wwww 72W-32S1-32S1-XXXXX	0.042 g/mm * A mm + 5.0 g

XXXXX – length in mm = A

WW – week

YY – year

Note: max Insertion Loss:

First Constant = Cable attenuation in dB/mm; Second Constant = Connector left and Connector right

Weight:

First Constant = Cable weight per mm; Second Constant = Connector left and Connector right per pce

Assembly parts

Connector left	SMA Plug	32S124-272S5
Connector right	SMA Plug	32S124-272S5
Cable	RTK-Flex402-SPC-FEP	

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss ¹	≥ 18 dB, DC to 18 GHz
Insertion Loss ¹	see table available variants

¹ Return Loss and Insertion Loss includes the measurement adaptor

Mechanical data

Minimum bend radius:	
Single	12.7 mm
Multiple	25.4 mm

Environmental data

Temperature range	-40°C to +125°C
RoHS	compliant

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
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