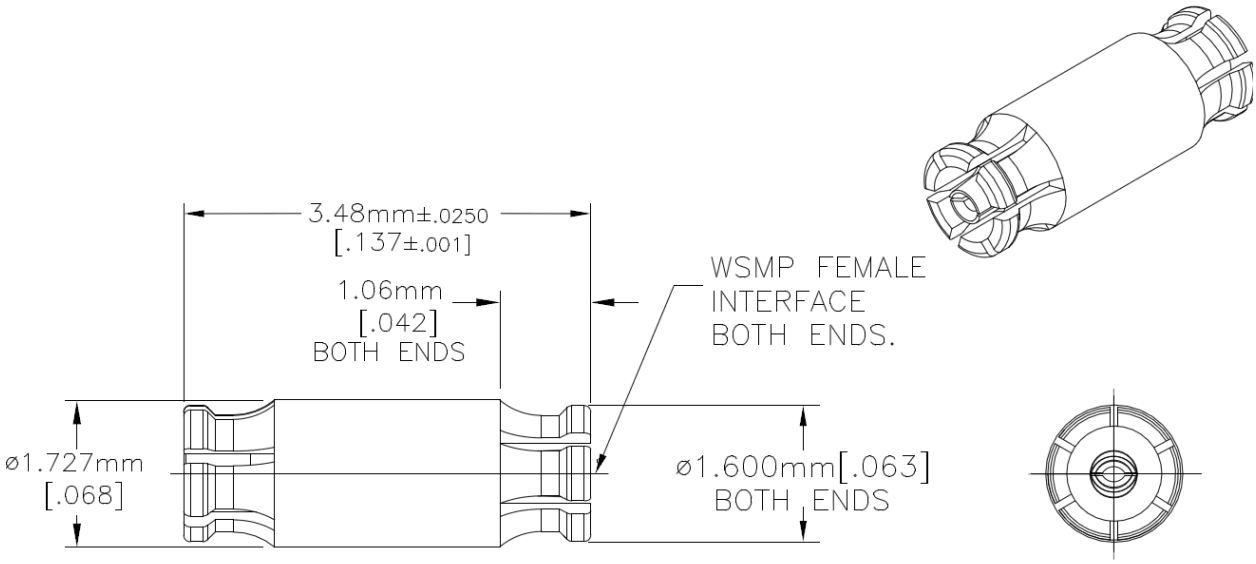
Technical Data Sheet		Rosenberger
WSMP	Adaptor(Bullet) Female to Female	**W1K10E-K00D3**



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

Interface

According to — Rosenberger WSMP™ Interface standards

Material and plating

Connector parts	Material	Plating
Center contact	CuBe	Gold, min. 1.27 µm, over nickel
Outer contact	CuBe	Gold, min. 1.27 µm, over nickel
Dielectric	PTFE	

Rosenberger of North America, LLC
P.O. Box 309 Akron, PA USA 17501
www.rosenbergerna.com

Tel. : +1.717.859.8900
Fax : +1.717.859.7044
Email : info@rosenbergerna.com

Technical Data Sheet		Rosenberger
WSMP	Adaptor(Bullet) Female to Female	**W1K10E-K00D3**

Electrical data

Impedance	50 Ω
Frequency	DC to 100 GHz
Return loss (typical)	≥ 26 dB, DC to 26.5 GHz
	≥ 19 dB, 26.5 to 65 GHz
Insertion loss	$\leq 0.12 \times \sqrt{f(GHz)}$ dB
Insulation resistance	≥ 3.5 x10^3 MΩ
Center contact resistance	≤ 2.0 mΩ
Outer contact resistance	≤ 6.0 mΩ
Test voltage (at sea level)	250 V rms
RF High Potential (at sea level)	150 V rms @ 5 MHz
RF-leakage	≥ -80 dB (typical mated pair)

- Limitations are possible due to the used cable type

Mechanical data

Mating cycles	
- Full Detent mating plug	≥ 100
- Smooth Bore mating plug	≥ 500
Engagement force (typical)	
- Full Detent	11 N [2.5 lbs_f]
- Smooth Bore	5.3 N [1.2 lbs_f]
Disengagement force (typical)	
- Full Detent	20 N [4.5 lbs_f]
- Smooth Bore	4.5 N [1.0 lb_f]

Environmental data

Temperature range	-55° to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106, except Step 7B
2002/95/EC (RoHS)	compliant

Tooling

Extraction tool	W1W002-000

Suitable cables

N/A

Packing

Standard	100 pcs in a bag

Draft	Date	Approved	Date
Paul Czikora	12/20/11	Paul Czikora	12/20/11

Rev.	Engineering change number	Name	Date
100	11v-001	Paul Czikora	12/20/11

Rosenberger of North America, LLC
P.O. Box 309 Akron, PA USA 17501
www.rosenbergerna.com

Tel. : +1.717.859.8900
Fax : +1.717.859.7044
Email : info@rosenbergerna.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF Adapters - In Series ***category:***

Click to view products by Rosenberger ***manufacturer:***

Other Similar products are found below :

5916-1103-603 5919-1503-000 5919-9503-000 651A505 82-5552 9030-9523-502 PN2C A0407000 R114703000W R125771001 R127871001 R141710000W R141723161 R141730000 R143730700 R143770000 R161703000W R161753000W R161791530W R201705000 R222705200 R222M40010W R223703180 R316754000 R405006000 R443162000 AD78TL HRM-513S 1996352-2 2157155-1 252169-75 AD158 2101130-1 252186 R114704000W R114720000W R125705001 R125705701 R125771000 R125771001W R127704001 R127.870.001 R127872001 R141717000 R142710000 R142723000 R143703000 R143704000 R143705700 R161771000W