



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

Interface

Compatible to IEC 60169-15; EN 122110; MIL-STD-348

Documents

Assembly instruction N/A
Panel piercing N/A

Material and plating

Connector parts

	Material	Plating
Center contact	Beryllium copper	Gold, min. 0.15 µm, over chemical nickel
Outer contact push-on SMA	Beryllium copper	Gold, min. 0.15 µm, over chemical nickel
Outer contact SMA	Stainless steel	Passivated
Body	Stainless steel	Passivated
Dielectric	PTFE	

ADAPTOR
Push-on SMA JACK – SMA JACK

32K132-K61S5

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR	DC to 3 GHz ≥ 30 dB 3 GHz to 12 GHz ≥ 25 dB 12 GHz to 18 GHz ≥ 21 dB
Insertion loss	≤ 0.05 dB $\times \sqrt{f(\text{GHz})}$
Insulation resistance	≥ 5 x10 ³ MΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 3 mΩ
Test voltage	1000 V rms
Working voltage	350 V rms

Mechanical data

Mating cycles	min. 500
Center contact captivation: axial	≥ 27 N

Environmental data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Tooling

Crimping tool	N/A
Crimp insert	N/A

Suitable cables

N/A

Weight

Weight	7.4 g/pce
--------	-----------

RF_35/12.04/3.0

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Armin Maiwalder	27/11/06	J_Krautenbacher	22.07.16	b00	15-1629	I_Wallner	22.07.16
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de					Tel.: +49 8684 18-0 email: info@rosenberger.de		Page 2 / 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[32K132-K61S5](#)