



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**

	<b>Material</b>	<b>Plating</b>
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 <sup>3</sup> 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
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RF\_35/12.04/3.0

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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