

**COAXIAL CONNECTOR, SHV, 50 Ohm, Right angle cable plug (male)**

16\_SHV-50-4-1/133\_N

**Properties**

- Suitable for all high voltage applications up to 5 kV DC or 3.5 kV rms
- Used in nuclear instruments or test and measurement equipment
- Voltages are valid for both, the mated and the unmated condition.

**Product configuration**

Gender	Standard
plug	IEC 60498_MIL-STD-348A/314

**Interface and material data**

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

**Electrical data**

Impedance	50 $\Omega$
Interface frequency	0.3 GHz

**Mechanical data**

Weight	0.0276 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

**Environmental data**

Operation temperature	-65 °C ... 165°C
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Ordering Information Table		
Item number	Item description	Packaging type
23008948	16_SHV-50-4-1/133_NE	Single

  

Suitable cables	
Cable group	X16 - 4 mm / 75 Ohm --- obsolete (integrated in U18)
	U17 - 4 mm / 75 Ohm
	U16 - 4 mm / 75 Ohm
Suitable cables	RG_59_B/U

  

Additional Information	
Only as assembly	No

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