

COAXIAL CONNECTOR, SHV, 50 Ohm, Straight cable plug (male)

11_SHV-50-4-10/133_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)	

Electrical data

Impedance	50 Ω
Interface frequency	0.3 GHz

Mechanical data

Weight	0.0223 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	clamped

Environmental data

Operation temperature	-65 °C ... 165°C
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Ordering Information Table		
Item number	Item description	Packaging type
22541996	11_SHV-50-4-10/133_NE	Single

Suitable cables	
Cable group	X16 - 4 mm / 75 Ohm --- obsolete (integrated in U18) U16 - 4 mm / 75 Ohm
Suitable cables	GX_04273 RG_59_B/U

Additional Information	
Remarks	High voltage connector Working voltage (at sea level) 3.5 kV rms, 50Hz (depending on cable)
Only as assembly	No

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