

COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female)

24_SMA-50-2-116/111_N

Properties

- Lead free material
- RoHS full compliant without exemption 6C
- Excellent return loss
- Applicable in frequencies up to 18 GHz



Product configuration

Interface type	Gender	Standard
SMA	jack	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Other body part	Brass	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	Gold Plating (Nickel underplated)
Washer	Bronze	Gold Plating (Nickel underplated)
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Mechanical data

Weight	4.2 g
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
85201112	24_SMA-50-2-116/111_NE

Suitable cables

Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	RG_174_/U
	RG_316_/U
	GX_02272

Additional Information

Only as assembly	No
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