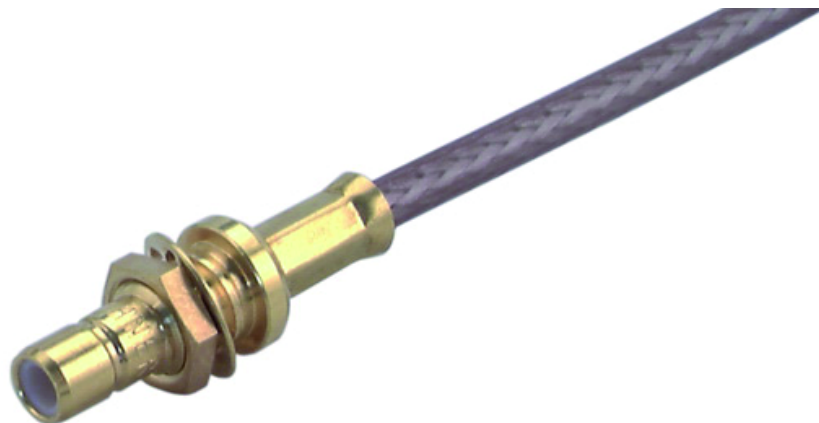


# COAXIAL CONNECTOR, SMB, 50 Ohm, Straight bulkhead cable jack (female)

24\_SMB-50-2-110/111\_N

## Properties

- Snap-on mechanism provides a fast and reliable connection
- Ideal for applications with high packaging density
- Applicable in frequencies up to 4 GHz



Product configuration		
Interface type	Gender	Standard
SMB	jack	IEC 60169-10_MIL-STD-348A/311_CECC 22130

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
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	4 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	29 dB	1.07
1 GHz ... 2 GHz	25 dB	1.12

Mechanical data	
Weight	0.0016 kg
Mating cycles	500
Cable entry centre contact	crimped

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

24\_SMB-50-2-110/111\_N

<b>Mechanical data</b>		
Cable entry outer contact	crimped	
<b>Environmental data</b>		
Operation temperature	-65 °C ... 165°C	
<b>Ordering Information Table</b>		
Item number	Item description	Packaging type
22658161	24_SMB-50-2-110/111_NE	Single
22659126	24_SMB-50-2-110/111_NH	Bulk 100 pcs
<b>Suitable cables</b>		
Cable group	U2 - 2 mm / 50 Ohm	
Suitable cables	RG_316_/U	
	RG_188_A/U	
Additional cables	RG_174_/U	
<b>Additional Information</b>		
Only as assembly	No	

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P2557 / Date of publication: 25.11.2023 / uncontrolled copy