

COAXIAL ADAPTER, SMB - N, 50 Ohm, plug / jack (male / female)

33_SMB-N-50-1/1--_U

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials

**Product configuration**

Interface type	Gender	Standard
SMB	plug (male)	IEC 60169-10_MIL-STD-348A/311_CECC 22130
N	jack (female)	IEC 61169-16_MIL-STD-348A/304_CECC 22210

Interface and material data

SMB		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	
N		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	4 GHz
VSWR	DC - 3 GHz ($\leq 1.03 + 0.08 f$ GHz)

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
3 GHz ... 4 GHz	18.5 dB	1.27

COAXIAL ADAPTER, SMB - N, 50 Ohm, plug / jack (male / female)

33_SMB-N-50-1/1--_U

Mechanical data	
Weight	0.0206 kg
Mating cycles	500

Environmental data	
Operation temperature	-65 °C ... 165 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22640394	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22640394	33_SMB-N-50-1/1--_UE	Single

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-P2144 / Date of publication: 12.07.2025 / uncontrolled copy