

COAXIAL ADAPTER, BMA - SMA, 50 Ohm, plug / plug (male / male)

32_BMA-SMA-50-1/199_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
BMA	plug (male)	IEC 60169-33_MIL-STD-348A/321
SMA	plug (male)	IEC 60169-15_MIL-STD-348A/310_CEEC 22110

Interface and material data

BMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	PFA / PTFE	
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	PFA / PTFE	
Coupling nut	Stainless steel	
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz
VSWR	DC - 9 GHz ($\leq 1.04 + 0.02 f$ GHz)

COAXIAL ADAPTER, BMA - SMA, 50 Ohm, plug / plug (male / male)

32_BMA-SMA-50-1/199_U

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
9 GHz ... 18 GHz	20.1 dB	1.22

Mechanical data	
Weight	0.0034 kg
Mating cycles	500

Environmental data	
Operation temperature	-65 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22645643	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
22645643	32_BMA-SMA-50-1/199_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-P2352 / Date of publication: 12.07.2025 / uncontrolled copy