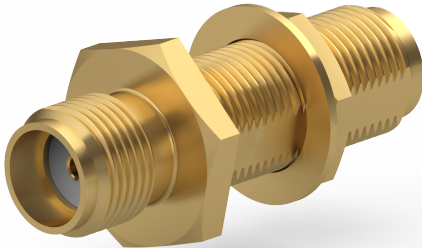


COAXIAL ADAPTER, SMA, 50 Ohm, Bulkhead, jack / jack (female / female)

34_SMA-50-0-9/111_U

Properties

- Non-magnetic
- For cryogenic applications
- Excellent return loss
- Mechanical intermateable with PC 3.5 (3.5 mm standard) and SK (2.92 mm standard)
- Operating frequency up to 18 GHz



Product configuration		
Interface type	Gender	Standard
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data		
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Copper Beryllium Alloy	Gold Plating
Body	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	
Fastening nut	Copper Beryllium Alloy	Gold Plating
Washer	Copper Beryllium Alloy	Gold Plating
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Copper Beryllium Alloy	Gold Plating
Body	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	
Fastening nut	Copper Beryllium Alloy	Gold Plating
Washer	Copper Beryllium Alloy	Gold Plating

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

COAXIAL ADAPTER, SMA, 50 Ohm, Bulkhead, jack / jack (female / female)
34_SMA-50-0-9/111_U

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	30 dB	1.065
6 GHz ... 10 GHz	25 dB	1.119
10 GHz ... 18 GHz	22 dB	1.173

Mechanical data	
Weight	0.004 kg
Mating cycles	500

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85255003	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC		CAS: 7439-92-1 Lead

Ordering Information Table	
Item number	Item description
85255003	34_SMA-50-0-9/111_UE

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-P57129 / Date of publication: 24.11.2025 / uncontrolled copy