

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

34_SHV-50-0-3/100_N

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
SHV	jack (female)	IEC 60498_MIL-STD-348A/314
SHV	jack (female)	IEC 60498_MIL-STD-348A/314

Interface and material data

SHV		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	
Fastening nut	Brass	Silver Plating
Washer	Bronze	Silver Plating
SHV		
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	
Fastening nut	Brass	Silver Plating
Washer	Bronze	Silver Plating

Electrical data

Impedance	50 Ω
Interface frequency	0.3 GHz

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Mechanical data	
Weight	0.0419 kg
Mating cycles	500

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22544587	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%	7a
			CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22544587	34_SHV-50-0-3/100_NE	Single

Additional Information	
Remarks	Hermetically sealed: leak rate $\leq 10^{-7}$ Torr l/s (atm cc/s) O-ring mount bulkhead feedthrough design, leak rate dependent on environmental condition, typ. $\leq 10^{-6}$ Torr l/s

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DOCUMENT PIM-P2093 / Date of publication: 12.07.2025 / uncontrolled copy