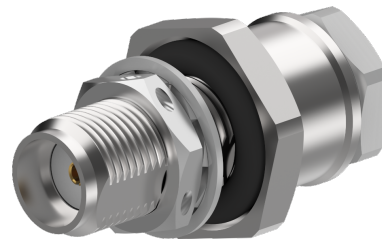


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female), High salt mist resistant (SS316L)

24_SMA-50-3-20/199_N

Properties

- Excellent corrosion resistance in a wide range of environments
- High salt mist resistant
- Material 316L stainless steel
- Excellent return loss values
- Applicable in frequencies up to 18 GHz



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

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Body	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Washer	Bronze	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	36 dB	1.03
2 GHz ... 4 GHz	32 dB	1.05
4 GHz ... 11 GHz	28 dB	1.08
11 GHz ... 18 GHz	20 dB	1.22

COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female), High salt mist resistant (SS316L)

24_SMA-50-3-20/199_N

Mechanical data	
Weight	6.931 g
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	soldered

Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85123575	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
85123575	24_SMA-50-3-20/199_NE	Single

Suitable cables	
Cable group	Y27 - 3mm / 50 Ohm
	Y25 - 3mm / 50 Ohm
Suitable cables	MULTIFLEX_141_CT
	SUCOFORM_141_CT

Additional Information	
Remarks	Connector with safety holes.
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22643028	74_Z-0-0-164	Trimming tool

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-P27594 / Date of publication: 12.07.2025 / uncontrolled copy