

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

24_N-50-7-36/199_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 11 GHz



Product configuration		
Interface type	Gender	Standard
N	jack	IEC 61169-16_MIL-STD-348A/304_CECC 22210

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)
Other body part	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	Nickel Plating
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	26 dB	1.11
2 GHz ... 8 GHz	23 dB	1.15

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

24_N-50-7-36/199_N

Mechanical data	
Weight	0.049 kg
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85182486	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
85182486	24_N-50-7-36/199_NE	Single

Suitable cables	
Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-RS-FR SPUMA_400-FR-01

Additional Information	
Only as assembly	No

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-P42809 / Date of publication: 03.07.2025 / uncontrolled copy