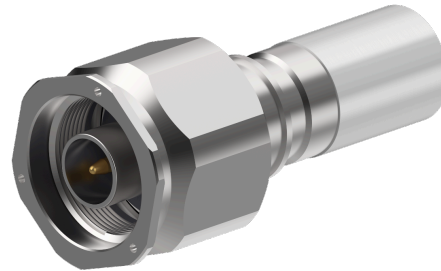


COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male), High salt mist resistant (SS316L)

11_N-50-7-90/199_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	plug	IEC 61169-16_MIL-STD-348A/304_CECC 22210

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	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	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel (high salt mist resistant)	Passivated (Plating)
Gasket	FVMQ (Fluoro silicone elastomer)	
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	30 dB	1.07
2 GHz ... 4 GHz	26 dB	1.11
4 GHz ... 6 GHz	20 dB	1.22
6 GHz ... 8 GHz	18 dB	1.29

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Mechanical data

Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

Environmental data

Operation temperature	-50 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
85168370	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%	6c
			CAS: 7439-92-1 Lead

Ordering Information Table

Item number	Item description	Packaging type
85168370	11_N-50-7-90/199_NE	Single

Suitable cables

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

Additional Information

Only as assembly	No
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