

COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male)

11_N-50-3-66/199_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	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	Brass	Silver Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel (high salt mist resistant)	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	28 dB	1.08
2 GHz ... 6 GHz	23 dB	1.15
6 GHz ... 11 GHz	20 dB	1.22

Mechanical data

Weight	29.7 g
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data		
Cable entry outer contact	soldered	
Environmental data		
Operation temperature	-65 °C ... 165 °C	
Ingress protection (IP Rating)	Mated / IP67	
Ordering Information Table		
Item number	Item description	Packaging type
85123367	11_N-50-3-66/199_NE	Single
Suitable cables		
Cable group	Y27 - 3mm / 50 Ohm	
	Y25 - 3mm / 50 Ohm	
Suitable cables	MULTIFLEX_141_CT	
	SUCOFORM_141_CT	
Additional Information		
Only as assembly	No	

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DOCUMENT PIM-P27033 / Date of publication: 15.08.2024 / uncontrolled copy