

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

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

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-FR SPUMA_400-RS-FR

Additional Information	
Only as assembly	No

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