

# COAXIAL CONNECTOR, TNC, 50 Ohm, Straight cable plug (male)

11\_TNC-50-7-23/199\_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
TNC	plug	IEC 60169-17_MIL-STD-348A/313_CECC 22200

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)
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 $\Omega$
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	36 dB	1.03
2 GHz ... 4 GHz	30 dB	1.07
4 GHz ... 6 GHz	28 dB	1.08
6 GHz ... 8 GHz	20 dB	1.22

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<b>Mechanical data</b>	
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

<b>Environmental data</b>	
Operation temperature	-50 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

<b>Ordering Information Table</b>		
Item number	Item description	Packaging type
85117836	11_TNC-50-7-23/199_NE	Single

<b>Suitable cables</b>	
Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400-FR SPUMA_400-RS-FR

<b>Additional Information</b>	
Only as assembly	No

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