

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

11\_TNC-50-4-79/199\_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	28 dB	1.08
2 GHz ... 6 GHz	21 dB	1.20
6 GHz ... 8 GHz	18 dB	1.29

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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
85117847	11_TNC-50-4-79/199_NE	Single

<b>Suitable cables</b>	
Cable group	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	S16 - 4 mm / 50 Ohm
Suitable cables	Spuma_240-RS-FR
	SPUMA_240

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

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