

COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)

16_N-50-3-42/199_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)
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 ... 6 GHz	30 dB	1.07
6 GHz ... 11 GHz	18 dB	1.29

Mechanical data	
Weight	36.3 g
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	soldered

COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)
16_N-50-3-42/199_N

Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
85165903	16_N-50-3-42/199_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

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P27039 / Date of publication: 15.08.2024 / uncontrolled copy