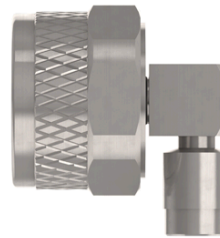


COAXIAL CONNECTOR, N, 50 Ohm, Right angle cable plug (male)

16_N-50-0-150/033_-

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- IP rating (interface, mated) IP67
- Interface dimensions according IEC/MIL



Product configuration		
Interface type	Gender	Standard
N	plug	IEC 61169-16 / Connector for use with SPJ/CPU Assembly

Interface and material data		
Piece parts	Material	Plating
Centre contact	Brass	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.38 GHz ... 1 GHz	35 dB	1.036
1.7 GHz ... 2.7 GHz	32 dB	1.052
3.8 GHz ... 6 GHz	25 dB	1.119

Mechanical data	
Weight	0.0328 kg
Mating cycles	500
Cable entry centre contact	plugged

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

16_N-50-0-150/033_-

Mechanical data	
Cable entry outer contact	clamped

Environmental data	
Operation temperature	-55 °C ... 165°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
85082882	16_N-50-0-150/033_-E	Single

Suitable cables	
Cable group	Z1 - M10x1/SPJ-CPJ
	Y32 - 222 - 5mm / 50 Ohm
	Y31 - 122 - 3mm / 50 Ohm
	Y30 - 141 - 3mm / 50 Ohm
Suitable cables	SUCOFORM_222_LA_CU_CMP
	SUCOFORM_141_LA_CU_CMP
	SUCOFORM_141_CU_CMP
	SUCOFORM_122_LA_CU_CMP
Additional cables	SPJ/CPJ assemblies

Additional Information	
Remarks	Only in combination with SPJ/PCC assemblies Not valid for direct connection with the SUCOFORM_xxx(_LA)_CU_CMP cables
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-P3106 / Date of publication: 25.11.2023 / uncontrolled copy