

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

16_N-50-7-77/133_N

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- Interface dimensions according IEC/MIL

**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	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	27.5 dB	1.088
2 GHz ... 4 GHz	25.6 dB	1.111
4 GHz ... 6 GHz	24.8 dB	1.122

Mechanical data

Weight	0.047 kg
Mating cycles	500
Cable entry centre contact	soldered

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

16_N-50-7-77/133_N

Mechanical data

Cable entry outer contact	crimped
---------------------------	---------

Environmental data

Operation temperature	-65 °C ... 165 °C
-----------------------	-------------------

Ordering Information Table

Item number	Item description
84078884	16_N-50-7-77/133_NE
84076005	16_N-50-7-77/133_NH

Suitable cables

Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
-------------	--

Additional Information

Only as assembly	No
------------------	----

Suitable tools

Item number	Item description	Type of tool
22544524	76_Z-0-7-14	Crimping dies

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-P31327 / Date of publication: 17.02.2025 / uncontrolled copy