

**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	Standard
N	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 $\Omega$
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

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<b>Mechanical data</b>	
Cable entry outer contact	crimped
<b>Environmental data</b>	
Operation temperature	-65 °C ... 165 °C
<b>Ordering Information Table</b>	
Item number	Item description
84078884	16_N-50-7-77/133_NE
84076005	16_N-50-7-77/133_NH
<b>Suitable cables</b>	
Cable group	X32 - 7 mm / 50 Ohm
	U30 - 7 mm / 50 Ohm
<b>Additional Information</b>	
Only as assembly	No

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DOCUMENT PIM-P31327 / Date of publication: 05.02.2024 / uncontrolled copy