

**COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male)**

11\_N-50-12-20/033\_-

**Properties**

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

**Product configuration**

Interface type	Standard
N	IEC 60169-16_MIL-STD-348A/304_CECC 22210

**Interface and material data**

Piece parts	Material	Plating
Centre contact	Bronze	Silver Plating
Outer conductor	Brass	Nickel Plating
Body	Brass	Nickel Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Nickel Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Brass	Nickel Plating

**Electrical data**

Impedance	50 $\Omega$
Interface frequency	11 GHz

**Electrical Data (frequency related)**

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	36 dB	1.03
2 GHz ... 4 GHz	26.2 dB	1.10
4 GHz ... 6 GHz	25 dB	1.12

**Mechanical data**

Weight	0.039 kg
Mating cycles	500
Cable entry centre contact	plugged

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<b>Mechanical data</b>	
Cable entry outer contact	crimped
<b>Environmental data</b>	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67
<b>Ordering Information Table</b>	
Item number	Item description
85009711	11_N-50-12-20/033_-E
<b>Suitable cables</b>	
Cable group	X29 - 12 mm / 50 Ohm
<b>Additional Information</b>	
Remarks	Suitable for cables with copper and aluminium outer conductor
Only as assembly	No

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DOCUMENT PIM-P38216 / Date of publication: 05.02.2024 / uncontrolled copy