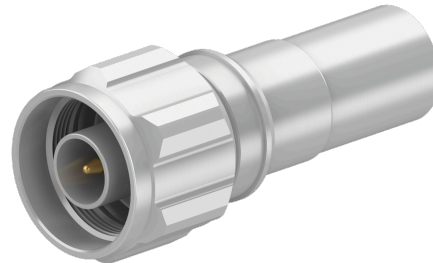


COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male)

11_N-50-7-69/133_N

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_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	PFA / PTFE	
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	30 dB	1.065
2 GHz ... 4 GHz	23.8 dB	1.138
4 GHz ... 6 GHz	23 dB	1.152

Mechanical data

Weight	0.0345 kg
Mating cycles	500
Cable entry centre contact	crimped

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

11_N-50-7-69/133_N

Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22660143	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
85092396	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22660143	11_N-50-7-69/133_NE	Single
85092396	11_N-50-7-69/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400
Suitable cables	SPUMA_400-FR
	SPUMA_400-FR-01
	SPUMA_400-RS-FR
	SPUMA_400-UF
Additional cables	LMR-400

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-P3561 / Date of publication: 12.12.2025 / uncontrolled copy