

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

16\_N-50-12-50/033\_-

**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 61169-4_CECC 22190_DIN 47223_VG 95250

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	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	NR (Natural Rubber)	

Electrical data	
Impedance	50 $\Omega$
Interface frequency	7.5 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2.7 GHz	30 dB	1.065
2.7 GHz ... 3.7 GHz	28 dB	1.08

Mechanical data	
Weight	0.13 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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

16\_N-50-12-50/033\_-

Environmental data	
Operation temperature	-40 °C ... 85°C
Ingress protection (IP Rating)	Mated / IP68

Ordering Information Table		
Item number	Item description	Packaging type
84201181	16_N-50-12-50/033_-E	Single

Suitable cables	
Cable group	M12 - 12 mm / 50 Ohm
Suitable cables	SUCOFEEED_1/2_FR
	SUCOFEEED_1/2_LW
	SUCOFEEED_1/2
Additional cables	CELLFLEX LCF12-50JFN, HELIAX LDF4-50A, NK OHMAX RFA 1/2-50

Additional Information	
Remarks	Suitable for cables with copper and aluminium outer conductor
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-P3103 / Date of publication: 25.11.2023 / uncontrolled copy