DATA SHEET

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

16_BNC-50-4-16/133_N

Properties

- Useful for frequently coupled and uncoupled connections
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 4 GHz

Product configuration		
Interface type	Gender	Standard
BNC	plug	IEC 60169-8_MIL-STD-348A/301_CECC 22120

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
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	4 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0.1 GHz ... 2 GHz	34.2 dB	1.04
2 GHz ... 4 GHz	20 dB	1.222

Mechanical data	
Mating cycles	100
Cable entry centre contact	soldered
Cable entry outer contact	crimped

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

16_BNC-50-4-16/133_N

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85071464	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
			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
85071464	16_BNC-50-4-16/133_NH	Bulk 100 pcs

Suitable cables	
Cable group	X9 - 4 mm / 50 Ohm
	X34 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	S16 - 4 mm / 50 Ohm
Suitable cables	S_04162_B-01
Suitable cables	SX_04172_B-60
	S_04262_B-01
	SPUMA_240-RS-FR
	SPUMA_240-UF
	SPUMA_240
Additional cables	LMR-240
	SPUMA_240-RS-FR

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543189	76_Z-0-4-1	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-P3152 / Date of publication: 05.01.2026 / uncontrolled copy