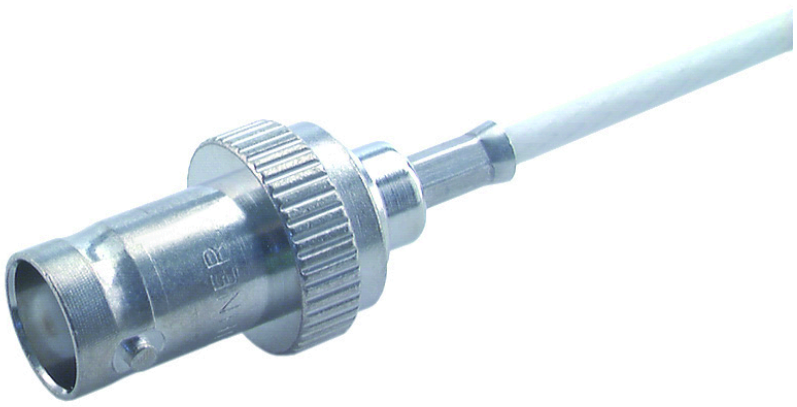
DATA SHEET

COAXIAL CONNECTOR, BNC, 50 Ohm, Straight cable jack (female)

21_BNC-50-3-28/133_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	jack	IEC 61169-8_MIL-STD-348A/301_CECC 22120

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
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 GHz ... 2.5 GHz	32 dB	1.052
2.5 GHz ... 4 GHz	26 dB	1.106

Mechanical data	
Weight	0.01296 kg
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

COAXIAL CONNECTOR, BNC, 50 Ohm, Straight cable jack (female)

21_BNC-50-3-28/133_N

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84057722	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
84057722	21_BNC-50-3-28/133_NE	Single

Suitable cables	
Cable group	U9 - 3 mm / 50 Ohm
Suitable cables	RG_223_/U
	G_03232_D-01
	ENVIROFLEX_142
Additional cables	RADOX_RF_142

Additional Information	
Remarks	El. optimized for cable RG_223_/U
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544757	76_Z-0-3-51	Crimping dies
22543185	76_Z-0-3-1	Crimping dies

DOCUMENT PIM-P2919 / Date of publication: 11.07.2025 / uncontrolled copy