

COAXIAL ADAPTER, N - QN, 50 Ohm, jack / jack (female / female)

31_N-QN-50-1/133_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



Product configuration		
Interface type	Gender	Standard
N	jack (female)	
QN	jack (female)	

Interface and material data		
N		
Piece parts	Material	Plating
Centre contact	Bronze	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
QN		
Piece parts	Material	Plating
Centre contact	Bronze	Gold Plating (Nickel underplated)
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2 GHz	32 dB	1.05
2 GHz ... 6 GHz	17 dB	1.3
6 GHz ... 11 GHz	13 dB	1.5

COAXIAL ADAPTER, N - QN, 50 Ohm, jack / jack (female / female)

31_N-QN-50-1/133_N

Mechanical data	
Weight	0.0339 kg
Mating cycles	100

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84016830	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
84016830	31_N-QN-50-1/133_NE	Single

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-P2391 / Date of publication: 12.07.2025 / uncontrolled copy