

COAXIAL TERMINATION, 50 Ohm, QLA, plug (male)

65_QLA-01-0-1

Properties

- Various bandwidth
- Impedance matched
- Standard or precision types
- Low and medium power

**Product configuration**

Interface	Gender	Standard
QLA	plug (male)	NIM-CAMAC-Standard CD/N549

Electrical data

Impedance	50Ω
Operating frequency	0 GHz ... 1.4 GHz
VSWR	1.35
Return loss	16.5 dB

Electrical Data (frequency related)

Frequency range	VSWR max	Return loss
0 GHz to 0.5 GHz	1.12	
0.5 GHz to 1 GHz	1.24	
1 GHz to 1.4 GHz	1.35	

Electrical Data (power)

Average power	0.5 W at 30 °C ambient temperature. Linearly derated to W at 130 °C ambient temperature.
Peak power	500 W peak power
Electrical remarks	at max 30°C ambient temperature, derated linearly to 0 W at 130°C ambient temperature.

Interface and material data

Interface	QLA / plug (male)	
Piece parts	Material	Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer conductor	Brass	Nickel Plating

COAXIAL TERMINATION, 50 Ohm, QLA, plug (male)
65_QLA-01-0-1

Interface and material data		
Body	Brass	Nickel Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Piece parts	Material	Plating

Mechanical data	
Weight	0.0038 kg

Environmental data	
Operation temperature	-40 °C ... 130°C

Ordering Information Table	
Item number	Item description
22640036	65_QLA-01-0-1/122_NE

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-P1761 / Date of publication: 09.11.2023 / uncontrolled copy