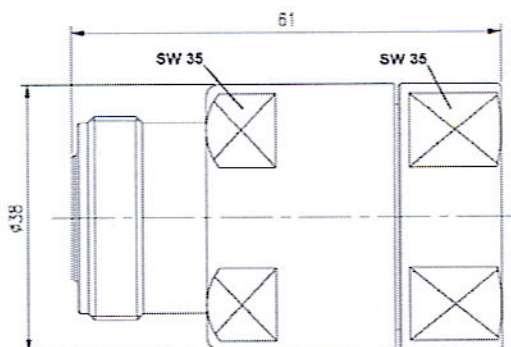


PRODUCT CODE: NKC 1078200.06

7-16 Female O-ring connector for RFA, RF, RFE, RFX and RF2X 7/8"-50 cables



Dimensions mm

TECHNICAL SPECIFICATIONS

Electrical Specifications

Impedance	50 Ω
Frequency range	0 - 2.7 GHz
Contact resistance	
(only) inner contact	< 0.4 m Ω
(only) outer contact	< 0.2 m Ω
Insulation resistance	> 10 G Ω
Voltage proof	4 kVeff/50 Hz
Working voltage	< 1.5 kVeff/50 Hz
Power handling	2.5 kW / 1 GHz
Return loss	@ 1 GHz, 32 dB and @ 2 GHz, 30 dB
Insertion loss	0.05 $\sqrt{[GHz]}$

Mechanical Specifications

Weight [g]	245 g
Materials	
Spring contact	QSn6.5-0.1
Other metal parts	HPb59-1
Insulators	PTFE
Gaskets	Silicon
Connector	
Spring contacts	Cu2Ag3
Other metal parts	Cu2Ag3 or Cu2Ni3
Coupling Torque	35 Nm
Durability (mating cycles)	> 500
Standards	
Immersion test, mated connectors	IP68, with appropriate taping 529:1989, EN 60529
Mating interface	CECC 22190, IEC 169-4
Installation instructions	NKC 78.06

Subject to change without prior notice.