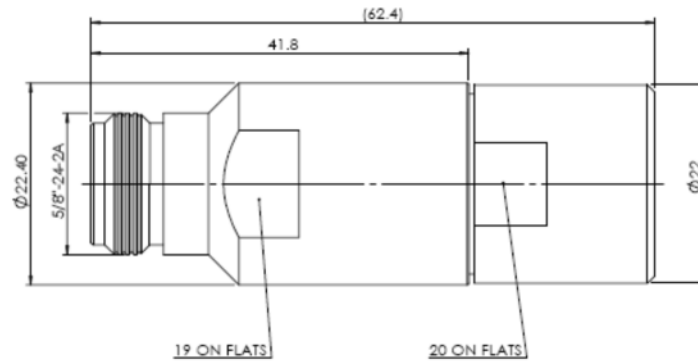


PRODUCT CODE: NKC 1012400.12

N Female O-ring connectors for RF, RFA and RFX 1/2"-50 cables



Dimensions in mm

TECHNICAL SPECIFICATIONS

Electrical Specifications

Impedance	50 Ω
Frequency range	DC - 3 GHz
VSWR	≤ 1.10
PIM3	$\leq -160\text{dBc}$
Insertion loss (1GHz)	< 0.05
Contact resistance	
inner contact	$< 0.8 \text{ m}\Omega$
outer contact	$< 0.2 \text{ m}\Omega$
Insulation resistance	$> 10 \text{ G}\Omega$
Power rating	0.3 KW @ 1GHz
Working voltage	$< 2 \text{ kVeff}/50 \text{ Hz}$

Mechanical Specifications

Weight [g]	85 g
Materials	
Spring contact	QBe2, Ag5 plated
Other metal parts	Brass, SnZn or Cu2Ni5 plated
Insulators	PTFE
Gaskets	Silicon
Coupling Torque	1.7 Nm
Durability (mating cycles)	> 500
Standards	
Immersion test, mated connectors	IP68, IEC 529:1989, EN 60529
Mating interface	IEC 60169-16
Installation instructions	AFA8-5
Product marking	AFA8-5