

11 TNC-50-7-6

ASN-E 0461 F04

ENGINEERING DATA:

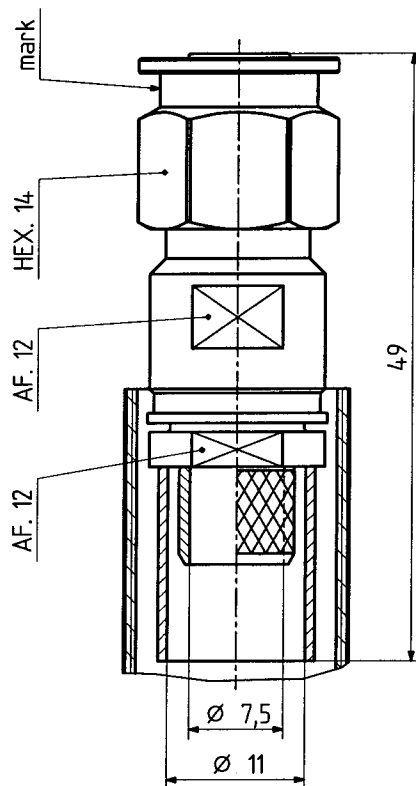
Sealing against splashing water

Temperature rating : - 65°C / 165°C

Material : Body : Brass, nickel-plated
Nut : Stainless steel
Insulator : PTFE
Inner conductor : Brass, gold-plated

Nominal impedance : 50 Ohm
Frequency range : 0,1 to 3 GHz
Voltage rating : 1000 V eff.
Insulation resistance : ≥ 5 GOhm

Inner conductor : Hole dia. 2,5 mm



QUALIFIKATION - TESTS

Examination or test

Material
Finish
Dissimilar metals
Design and construction (dimension)
Marking
Mating (visual indication)
Bayonet and threaded types
Coupling proof torque
Mating characteristics
Permeability of nonmagnetic materials
Workmanship
Hermetic seal (pressurized connectors only)
Leakage (pressurized connectors only)
Insulation resistance

Group I

Method	Test Req.	Value	Remarks
4.6.1	a.	3.3	MIL-C-39012
4.6.1	a.	3.3.1	MIL-C-39012
4.6.1	n.a.	-	-
4.6.1.1	a.	3.4	MIL-C-39012
4.6.1	a.	3.29	MIL-C-39012
4.6.1	a.	3.4.1	MIL-C-39012
4.6.2.1	a.	$\leq 0,23$ Nm	-
4.6.3	a.	$> 1,7$ Nm	-
4.6.4	a.	313.1	MIL-STD-348
4.6.5	n.a.	-	-
4.6.1	a.	3.30	MIL-C-39012
4.6.6	n.a.	-	-
4.6.7	n.a.	-	-
4.6.8	a.	≥ 5 GOhm ≥ 200 MOhm	initial after environment

Group II

4.6.9	a.	≥ 28 N	-
4.6.10	a.	48 h	1 pair only

Group III

4.6.11	a.	1,30	0,1 to 3 GHz
4.6.12	n.a.	-	(know-how manufacturer)

Group IV

4.6.13	a.	1,5 mOhm 2,0 mOhm	initial after environment
4.6.14	a.	$\geq 1,5$ kV rms	-
4.6.15	a.	Meth. 204 Cond. B	MIL-STD-202
4.6.16	n.a.	-	-
4.6.17	a.	Meth. 107 Cond. C	MIL-STD-202
4.6.18	a.	Meth. 106	MIL-STD-202
4.6.19	a.	≥ 375 V rms	23'000 m
4.6.20	n.a.	-	-
4.6.21	a.	≥ 180 N	-
4.6.22	a.	≥ 445 N	1 pair only

Group V

4.6.23	n.a.	-	-
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Group VI

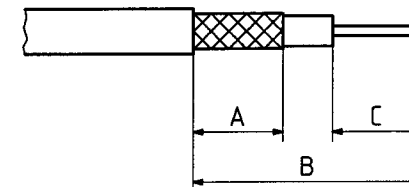
4.6.24	n.a.	-	-
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Group VII

4.6.13	a.	1,5 mOhm	initial
4.6.13	a.	0,85 mOhm	initial
4.6.13	a.	0,6 mOhm	initial

Contact resistance inner conductor
Contact resistance outer conductor
Contact resistance: braid/point of contact

CABLE PREPARATION



Cable	Stripping dimensions		
	A	B	C
XR RG 165/U	9	27	9

TOOLS REQUIRED

	Crimp tool	Positioner	Positioner	Selector setting
		Die	Color	
Inner contact	M 22520/1-01	M 22520/1-13	Red	8
Outer contact	M 22520/5-01	M 22520/5-61	-	-



dimensions in mm



HUBER + SUHNER CH-ITC-RBS-CON

OZ drawing :

drawing number
3.13.20980

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