

## Coaxial Cable Connector 11\_N-50-7-5/133\_N

### Description

Straight cable plug

Interface standards

IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	11 GHz

#### Mechanical Data

Centre contact	soldered
Outer contact	clamped
Weight	0.0504 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Piece Parts	Material	Surface Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

### Related Documents

Outline drawing	DOU-00006936
Catalogue drawing	DOU-00006550
Assembly instruction	DOC-0000179331

### Ordering Information

Single package	11_N-50-7-5/133_NE
Bulk 100 pcs package	11_N-50-7-5/133_NH

### Additional Information

Suitable cables	RG_214_/U, RG_393_/U, RG_213_/U
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# Assembly instruction Series N

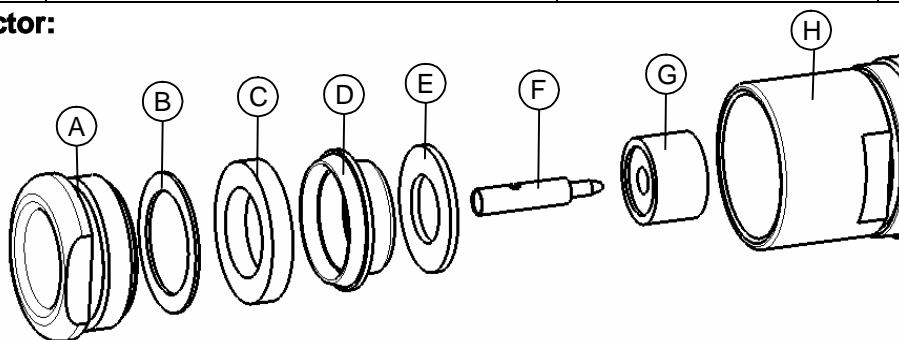
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Old instruction No. 3007



<b>Connector type: (e.g.)</b>	11_N-50-7-5 , 11_N-75-7-3	<b>Inner conductor contact:</b>	soldered
<b>Suitable cables: (e.g.)</b>	RG_214/U / RG_144_U	<b>Outer conductor contact:</b>	screwed

**Parts list connector:**



**Assembly steps:**

Picture	Process	Feature / Check	Tools required
	Slide nut A, washer B and gasket C onto cable. Prepare cable according to diagram.	Do not damage braid!	Stanley blade Scissors
	Push braid back slightly to expose dielectric and cut back dielectric 5 mm perpendicular to cable axis.	Do not damage inner conductor.	Stanley blade Scissors
	Taper braid towards inner conductor. Position braid clamp D so that its shoulder fits against cable sheath.	Do not damage inner conductor.	
	Fold back braid over clamp D and trim overlapping braid. Heat inner contact F using a soldering iron and flow small amount of solder into bore X. Push cable inner conductor into bore, immediately remove soldering iron to prevent melting of the dielectric. Position washer E.	Check dimension of $1.5 \pm 0.3$ mm.	Soldering iron (250 W) Solder
	Push prepared cable into connector body H, with front part of insulator G and tighten nut A.	Torque 11 Nm. Do not rotate cable in connector body.	Spanner AF.16 mm (74_Z-0-0-3)

The cable assembly of R.F. connectors can only be done by well trained assembly stuff and suitable assembly equipment. Huber+Suhr's skilled stuff and specialised equipment are available to carry out complete R.F. lead-assembly on your behalf. We mount your connectors on cables at economic prices! Please contact our representative for further details of this service.

Revisio	C
Date	25.06.2010
Initiator	46819/M.Zhu