

General



**CCF78STDNF**

CCF78STDNF SilexConnect® RF N Female Connector for 7/8" Coaxial Cable Type DINNF-7/8"L

SilexConnect™ high performance connectors are designed for use with both Silexstd® corrugated copper and Silexstl® corrugated aluminum cables.

They are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up connector attachment.

Nominal size	7/8" in
Interface	N Female
Body Style	Straight
Mounting cable	Models: copper LCF78STD, aluminum LCF78STL, HCTAY-50-22

**Technical Specifications**

**Characteristics**

Impedance  
 Operating Voltage  
 Frequency Range  
 Shielding Effectiveness  
 Inner Contact Resistance  
 Outer Contact Resistance  
 Intermodulation  
 Insulation Resistance  
 Dielectric Withstanding Voltage  
 Insertion Loss

**N Type**

50 Ω  
 1500 V  
 ≤18.0 GHz  
 >115 Db  
 ≤0.8 MΩ  
 ≤0.25 MΩ  
 ≤-155 dBc  
 >5000 MΩ  
 2500 V  
 =0.1 dB

VSWR

0.8 ~ 1.0GHz	≤1.08
1.7 ~ 2.5GHz	≤1.10

Inner Conductor Pin	Brass/Silver Plating
Inner Conductor Socket	Tin Bronze /Silver Plating
Insulator	PTFE or TPX
Body & Outer Conductor	Brass/Trimetal plating
Gasket	Silicon Rubber
Durability	>500 cycle

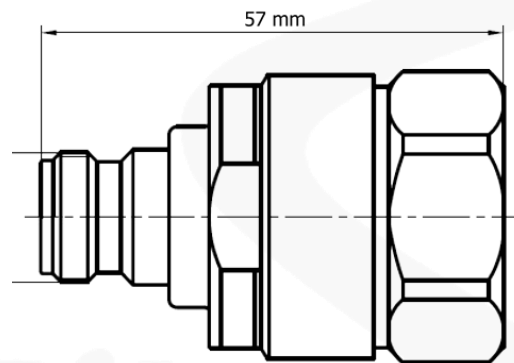
## Environmental Specifications

Temperature Range	-65 °C ~ +165°C
Immersion Depth	-
Immersion Test Method	IEC 60529:2001, IP65
Moisture Resistance Test Method	IEC 60068-2-3
Mechanical Shock Test Method	IEC 60068-2-27
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6
Corrosion Test Method	IEC 60068-2-11

## Standard Conditions

Attenuation, Ambient Temperature	20 °C   68 °F
Average Power, Ambient Temperature	40 °C   104 °F

## Outline Drawing



## Regulatory Compliance/Certifications



RoHS 2011/65/EU RoHS Compliant

Designed, manufactured and/or distributed under quality management system

All specifications are subject to change. See [www.silexst.com](http://www.silexst.com) for the most current information. Revised: September 06, 2014

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