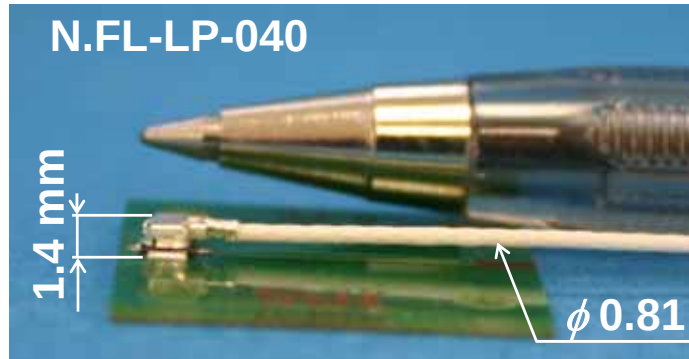


Low Profile, Small Mounting Space Coaxial Connectors



◆ Features

1. Low Profile: 1.4mm (1.5 mm Max.) mating height
2. The World Small Class Coaxial Connector
3. High Frequency Performance (V.S.W.R): 1.3 Max. [DC to 6GHz]
4. Extra Fine Cable: ϕ 0.81 mm outer diameter
5. User Friendly: Click feeling when fully mated
6. Satisfies RoHS requirements

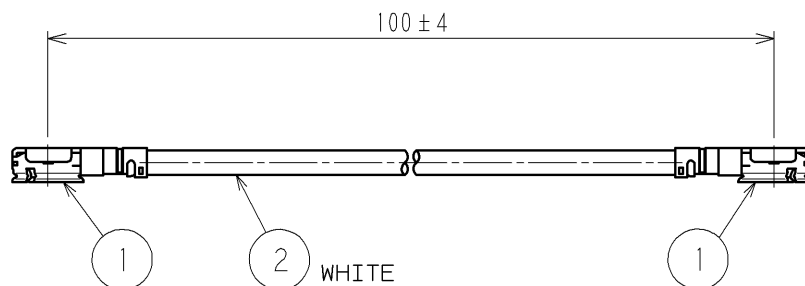
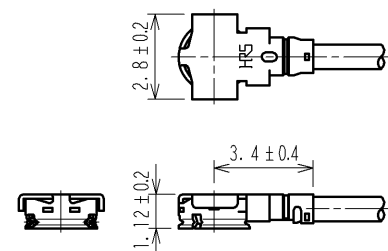
◆ N.FL Specifications

	N.FL	HRS existing U.FL-LP(V)
Mating Height (excluding the solder paste thickness)		
High Frequency Performance (V.S.W.R.)	1.3 Max [DC to 6 GHz]	
Cable Size	ϕ 0.81 coaxial cable	
Occupied Mounting Surface	N.FL is mountable on the PCB layout of U.FL series.	

◆ Application Example

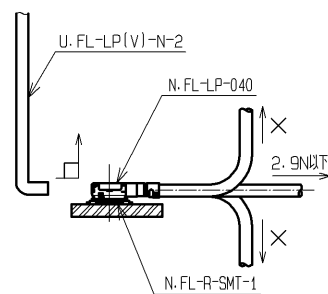
Mobile phone, PDA, Bluetooth, Wireless LAN, and other wireless communication devices.

【DIMENSIONS OF CONNECTOR】



【PRECAUTIONS FOR HANDLING】

- ◆Connector insertion and extraction
 - a. Connector shall be extracted vertically by specialised extraction JIG.
Part No.: U.FL-LP(V)-N-2 (CL Code: CL331-0493-2)
Never hold the cable when extracting the cable because it damages the connector.
 - b. Insert the connector as perpendicularly to the mating surface as possible by aligning the mating axes of both connectors. Do not excessively slant the connectors when inserting.
- ◆Allowable loads on the cable after the connectors are mated.
The figures below show the maximum allowable loads on the cable. Do not apply loads exceeding these values to the cable.



RoHS COMPLIANT

1	N. FL-LP-040	CL331-0331-0		2	RF-MF5010(WHITE)	NISSEI ELECTRIC CO.,LTD.		
NO.	PART NO.	CODE NO.		NO.	MATERIAL	MANUFACTURER		
UNITS mm		SCALE FREE	COUNT 	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : IJ. MITANI		07.02.06	DRAWING NO.	EDC4-313456-08		
		CHECKED : MH. YAMANE		07.02.06	PART NO.	N. FL-2LP-04N1-A-(100)		
		DESIGNED : MH. TSUCHIDA		07.02.06	CODE NO.	CL321-4067-9-08		
		DRAWN : MY. KOJIMA		07.02.05				