



Product Overview

Litech connectors for corrugated coaxial cable meet the requirements of multi-carrier, high-channel-count transceiver as base stations of today's mobile communication infrastructure networks.

Advantages

- Low and Stable PIMD
- Excellent Return Loss Performance
- Quick and Easy Installation
- Environmental Resistance

Specification

	7/16 DIN Type	N Type
Electrical		
Impedance	50 ohm	50 ohm
Frequency Range	DC ~ 7.5 GHz	DC ~ 7.5 GHz
Return Loss	28 dB (1~2 GHz)	28 dB (1~2 GHz)
	21 dB (2~3 GHz)	21 dB (2~3 GHz)
Insertion Loss	$-0.05 \times f(\text{GHz})^{1/2}$	$-0.05 \times f(\text{GHz})^{1/2}$
PIMD	≤ -160 dBc	≤ -160 dBc
Insulation Resistance	$\geq 10000\text{M Ohm}$	$\geq 5000\text{M Ohm}$
Dielectric Withstanding		
Voltage	2500 Vrms	2500 Vrms
Mechanical		
Inner Attachment Method	Solderless (Capativated)	Solderless (Capativated)
Coupling Torque	250 ~ 300 kg.f/cm	7 ~ 12 kg.f/cm
Durability	500 cycle	500 cycle

	7/16 DIN Type	N Type
Material		
Body & Outer Conductor	Brass / Silver or Whitebronze	Brass / Silver or Whitebronze
Inner Conductor / Pin	Silver or gold	Silver or gold
Socket	Silver or gold	Silver or gold
Insulator	PTFE	PTFE
Gasket	Silicon Rubber	Silicon Rubber
Environmental		
Temperature Range	-65°C ~ 165°C	-65°C ~ 165°C
Interface Compliance	IEC 169-16	IEC 169-4

Ordering Information

Connector Type	Part Number	Length (mm)	Diameter (mm)	Weight (g)
RF Connector N Male 1/2"	LTCN-803M-03	57.5	22.3	85.6
RF Connector N Female 1/2"	LTCN-804F-03	57.5	22.3	85.4
RF Connector N Male 7/8"	LTCN-803M-05	73.5	34.6	206.9
RF Connector N Female 7/8"	LTCN-804F-05	71.7	34.6	198.0
RF Connector N Male 1 1/4"	LTCN-803M-06	113.0	52.0	650.0
RF Connector N Female 1 1/4"	LTCN-804F-06	115.5	52.0	650.0
RF Connector N Male 1 5/8"	LTCN-803M-07	136.0	63.0	950.0
RF Connector N Female 1 5/8"	LTCN-804F-07	139.0	63.0	900.0

Connector Type	Part Number	Length (mm)	Diameter (mm)	Weight (g)
RF Connector 7/16 Male 1/2"	LTCN-703M-03	57.3	29.0	143.3
RF Connector 7/16 Female 1/2"	LTCN-704F-03	56.3	29.0	114.5
RF Connector 7/16 Male 7/8"	LTCN-703M-05	67.5	34.6	204.5
RF Connector 7/16 Female 7/8"	LTCN-704F-05	67.5	34.6	204.2
RF Connector 7/16 Male 1 1/4"	LTCN-703M-06	120.0	52.0	750.0
RF Connector 7/16 Female 1 1/4"	LTCN-704F-06	111.5	52.0	700.0
RF Connector 7/16 Male 1 5/8"	LTCN-703M-07	145.0	63.0	1000.0
RF Connector 7/16 Female 1 5/8"	LTCN-704F-07	135.5	63.0	950.0

RF CONNECTOR & ADAPTER

Connector For Corrugated Cable



7/16 Male 1/2" S
LTCN-703M-03S



7/16 Female 1/2" S
LTCN-704F-03S



N Male 1/2" S
LTCN-803M-03S



N Female 1/2" S
LTCN-804F-03S



7/16 Male 1/2"
LTCN-703M-03



7/16 Female 1/2"
LTCN-704F-03



N Male 1/2"
LTCN-803M-03



N Female 1/2"
LTCN-804F-03



7/16 Male 7/8"
LTCN-703M-05



7/16 Female 7/8"
LTCN-704F-05



N Male 7/8"
LTCN-803M-05



N Female 7/8"
LTCN-804F-05



7/16 Male 1 1/4"
LTCN-703M-06



7/16 Female 1 1/4"
LTCN-704F-06



N Male 1 1/4"
LTCN-803M-06



N Female 1 1/4"
LTCN-804F-06



7/16 Male 1 5/8"
LTCN-703M-07



7/16 Female 1 5/8"
LTCN-704F-07



N Male 1 5/8"
LTCN-803M-07



N Female 1 5/8"
LTCN-804F-07

Right Angle Connector



7/16 Male 1/2" S
LTCN-715M-03S



7/16 Female 1/2" S
LTCN-716F-03S



N Male 1/2" S
LTCN-815M-03S



N Female 1/2" S
LTCN-816F-03S



7/16 Male 1/2"
LTCN-715M-03



7/16 Female 1/2"
LTCN-716F-03



N Male 1/2"
LTCN-815M-03



N Female 1/2"
LTCN-816F-03