

NEW 50Ω N type Connector (for Digital Microwave Link)

Applications

Specialized impedance 50Ω N type connector, for TCX-5DFW/TCX-5DFWS for Digital Microwave Link mobile use and for TCX-8DHFBW(PE) for Digital Microwave Link anchoring wire use. (Be careful that mounting to other companies' cable is not subject to our guarantee.)

Features

- In mounting to general N type connectors, as connection at shield side of Coaxial Cable, braid is tucked into clamp and bushing. At this time, connector may be coming out, if pulled to cable side by a little strong force as the stuffing structure is made to tuck and hold gasket (silicon rubber) down. To settle these, TACHII asked to NOBLE MUSEN Co. to develop original structure connector with triple chuck system. The stabilized mounting strength has been assured with the developed structure to tuck braid with two A & B clamp without using gasket, and to make clamp A (near to cable side) chew the cable trunking by nut stuffing.
- As VSWR property is ensured at 1.2 max. (30kHz ~ 2000MHz), this connector can be compliant with allowance for IF signal (130 MHz) on actual Digital Microwave Link transmission.
- The mounting to center connector shall be with solder. In processing to TCX-5DFWS, solder preliminary to conductor. Refer to Page 26 on the details of mounting to TCX-5DFW, TCX-5DFWS.
- To prevent damage to connector on handling, TACHII can offer Connector protection cap for 5D size.
- Jack type for panel mounting is available on request. As the cable is hard and heavy for specialized N-PJ1791 for TCX-8DHFBW(PE), make sure to keep sufficient mounting strength on panel side designing. Contact with our business department on the details of N-PJ1791.
- All these connectors made by NOBLE MUSEN Co. have been exclusively designed for TACHII's cables. Contact with our business department directly on the specifications, prices, and delivery times, as NOBLE MUSEN Co. does not accept any inquiry.
- The products are also available as the harness finished cable with connector. Contact with our business department on details.

Main specifications

Characteristic impedance	: 50Ω
Cable mounting	: Triple chuck system
<Materials · Plating>	
Body · Nut	: Brass+Nickel plating
(Gasket side)	: Silicon rubber (Plug)
(Outer contact side)	: Phosphor bronze+Nickel plating (Plug)
Clamp A	: Brass+Nickel plating
Clamp B	
(Metalic part)	: Brass+Nickel plating
(Insulator part)	: Teflon resin
(Center contact part)	: Brass+Gold plating (N-P1702)
	: Beryllium Copper+Gold plating (N-J1703, N-PJ1704)
	: Brass+Silver plating (N-P1739)
	: Beryllium Copper+Silver plating (N-PJ1791)
Mounting cord for Protection cap	: Cloth cord with Nylon

Connector type	Model (Noble musen's)	Cable type (Made by TACHII)	Remarks
N type Plug	N-P1702	TCX-5DFW, TCX-5DFWS	
N type Jack	N-J1703		
N type Panel Jack	N-PJ1704		Made-to-order
N type Cap(for Plug)	N-C1755	TCX-5DFW,TCX-5DFWS TCX-5D2W(5D-2W for general use)	Compatible cable O.D. 8.0~8.2mm
N type Cap(for Jack)	N-C1754		
N type Plug	N-P1739	TCX-8DHFBW(PE)	Made-to-order
N type Panel Jack	N-PJ1791		Made-to-order

Specialized TCX-5DFW/5DFWS

N type Plug



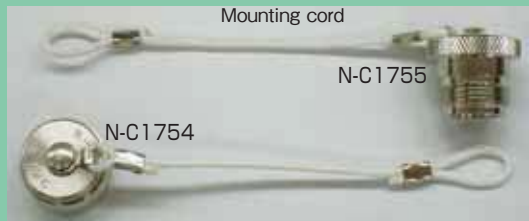
N-P1702

N type Jack



N-J1703

N type Protection cap



N-C1755

N-C1754

N type Panel Jack



N-PJ1704

- ※ N type Protection cap is compliant to TCX-5DFW/TCX-5DFWS/TCX-5D2W and 5D-2W for general use and to mount cable O.D. 8.0~8.2mm size.
- ※ Connector mounting system is common to N-P1702, N-J1703, N-PJ1704. Refer to Page 26 on detailed mounting instructions.

Specialized TCX-8DHFBW(PE)

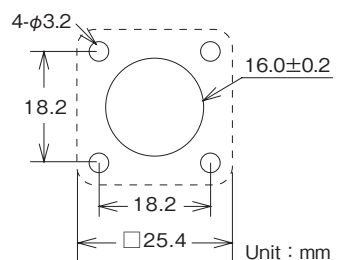
N type Plug



N-P1739

※ Contact separately on mounting instructions.

Hole size for Panel Jack mounting



- ※ Hole size in above for N-PJ1704 & N-PJ1791 (Connector flange arranged later)
- ※ Contact with our business department, when N-PJ1791 flange arrange in advance.