

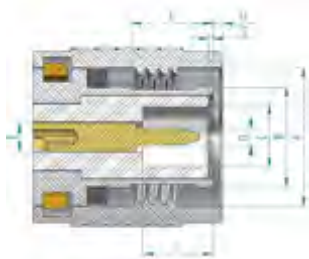
Conectores de RF tipo TNC - IEC 169-17

Conectores de RF tipo TNC - IEC 169-17
RF Connectors TNC type - IEC 169-17

Descrição da Norma: Destinada para conectores da série IEC 169-17 e MIL-C 39012
Descripción de la Norma: Destinado para los conectores de la serie IEC 169-17 y MIL-C 39012
Standard description: Intended for connector's series IEC 169-17 and MIL-C 39012

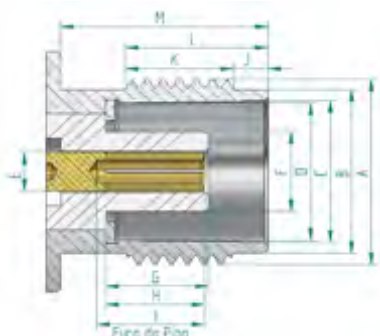
- **Características Dimensionais:**
- **Características Dimensionales:**
- **Dimensional Characteristics:**

- ❖ **Conector TNC macho:**
- ❖ *Conector TNC macho:*
- ❖ *TNC male connector:*



Ref.	Máx.	Mín.
A	7/16"x28 UNEF	-
B	8,25	8,20
C	5,00	4,88
D	1,37	1,35
E	2,15	2,10
F	6,00	5,80
G	0,30	0,15
H	1,50	0,50
I	5,54	5,38

- ❖ **Conector TNC fêmea:**
- ❖ *Conector TNC hembra:*
- ❖ *TNC female connector:*



Ref.	Máx.	Mín.
A	7/16"x28 UHEF	-
B	9,70	9,60
C	8,45	8,30
D	8,15	8,10
E	2,15	2,10
F	4,72	-
G	5,28	5,08
H	5,20	4,90
I	-	4,95
J	2,20	1,60
K	-	4,75
L	8,55	8,30
M	-	10,50

- **Características mecânicas dos materiais:**
- *Características mecánicas de los materiales:*
- *Mechanical properties of materials:*

Componente Componente Component	Material	Tratamento superficial Tratamiento superficial / Plating
Contato macho Contacto macho Male contact	Latão Latón Brass	Ouro / Prata Oro/Plata Gold/Silver
Contato fêmea Contacto hembra Female contact	Cobre Berílio Cobre berílico Beryllium copper	Ouro / Prata Oro/Plata Gold/Silver
Isolação Aislamiento Insulation	Teflon – PTFE	Natural
Outras partes Otras partes Other parts	Latão Latón Brass	Níquel Niquel Nickel
Elemento de Vedação Elemento de sellado Sealing element	Borracha Caucho Rubber	Natural

- **Características Técnicas:**
- *Características técnicas:*
- *Technical Characteristics:*

- ❖ **Impedância / Impedancia / Impedance:** 50 Ω
- Frequência de operação / Frecuencia de operación / Operating frequency: 0 – 11 GHz
- Tensão máxima de operação / Tensión máxima de operación / Maximum operating frequency: 500 Volts
- Tensão máxima de teste / Tensión máxima de prueba / Maximum tension test: 1500 Volts rms.
- ❖ **VSWR:**
- Conector reto / Conector Recto / Straight connector: $\leq 1,3 \sim 4\text{GHz}$
- Conector angular / Conector acodado / Angular connector: $\leq 1,35 \sim 4 \text{ GHz}$
- ❖ **Perda de retorno / Pérdida de retorno / Return loss:**
- Conector reto / Conector Recto / Straight connector: 18 dB ~ 4 GHz
- Conector angular / Conector acodado / Angular connector: 17 dB ~ 4 GHz
- Perda de inserção / Pérdida de inserción / Insertion loss: 0,15 dB ~ 4 GHz
- ❖ **Resistência de contato / Resistencia de los contactos / Contacts resistance:**
- Contato central / Contacto central / Central contact: $\leq 1,5 \text{ m}\Omega$
- Contato externo / Contacto externo / External contact: $\leq 0,5 \text{ m}\Omega$
- Resistência de isolação / Resistencia de aislamiento / Insulation resistance: $\geq 5\text{G}\Omega \text{ min}$
- Resistência de isolação após conexão / Resistencia de aislamiento después de conectar / Insulation resistance after connection: $\geq 200\text{M}\Omega \text{ min}$
- Temperatura de operação / Temperatura de operación / Operating temperature: -65°C ~ 155°C



ADAPTADOR T TNC

ADAPTADOR TIPO T TNC.
TNC T ADAPTER.

USF 00103 - 2 MACHO X 1 FÊMEA
2 MACHOS X 1 HEMBRA
2 MALES X 1 FEMALE

USF 00103-B - 2 FEMEA X 1 MACHO
2 HEMBRAS X 1 MACHO
2 FEMALE X 1 MALE



USF 00104 - P/ Cabo /Cable RG58
USF 00104-B -P/ Cabo /Cable RG174

CONETOR TNC FÊMEA DE CRIMP PINO FIXO REDUTOR

CONECTOR TNC HEMBRA DE CRIMP,
PIN CENTRAL FIJO EN EL REDUCTOR.
TNC CONNECTOR, FEMALE, CRIMP
WITH FIXED CENTER PIN ON REDUCER.



USF 00104-R = P/ Cabo /Cable RG58

CONECTOR TNC FÊMEA REVERSO DE CRIMP PINO FIXO NO REDUTOR

CONECTOR TNC HEMBRA REVERSO DE CRIMP,
PIN CENTRAL FIJO EN EL REDUCTOR.
TNC CONNECTOR, REVERSE FEMALE, CRIMP
WITH FIXED CENTER PIN ON REDUCER.



USF 00106 - P/ Cabo /Cable RF 0,3/1,8

CONECTOR TNC FÊMEA RETO PARA PINO SOLDA FIXO NO REDUTOR

CONECTOR TNC HEMBRA DE CRIMP,
PIN CENTRAL FIJO EN EL REDUCTOR(DE SOLDAR).
TNC CONNECTOR, FEMALE, CRIMP
WITH FIXED SOLDER CENTER PIN ON REDUCER.



USF 00108 - P/ Cabo /Cable RG 58

CONECTOR TNC FÊMEA RETO PRENSA CABO

CONECTOR TNC HEMBRA, RECTO, CLAMP
TNC CONNECTOR, FEMALE, STRAIGHT, CLAMP



USF 00108-R = P/ Cabo / Cable RG 58

CONECTOR TNC FEMEA RETO REVERSO PRENSA CABO

CONECTOR TNC HEMBRA REVERSO,
RECTO DE CLAMP
TNC CONNECTOR, REVERSE FEMALE,
STRAIGHT CLAMP



USF 00113-B = P/ Cabo / Cable RG 174

CONECTOR TNC FÊMEA RETO DE CRIMP (BUCHA FIXA) E PINO AVULSO

CONECTOR TNC, HEMBRA DE CRIMP,
FERRULE FIXO Y PIN CENTRAL SUELTO.
TNC CONNECTOR, FEMALE, CRIMP, FIXED
CRIMP SLEEVE AND LOOSE CENTER PIN.



USF 00114

CONECTOR TNC FÊMEA RETO PARA PAINEL COM PORCA

CONECTOR TNC HEMBRA, RECTO
PARA PANEL CON TUERCA.
TNC CONNECTOR, FEMALE, STRAIGHT
WITH NUT FOR PANEL.



USF 00115 = P/ Cabo / Cable 0,3/1,8

CONECTOR TNC FÊMEA RETO DE CRIMP COM DUAS PORCAS E PINO FIXO NO REDUTOR

CONECTOR TNC HEMBRA, RECTO DE CRIMP CON
DOS TUERCAS Y PIN CENTRAL FIJO EN EL REDUCTOR.
TNC CONNECTOR, FEMALE, STRAIGHT, CRIMP WITH
TWO NUTS AND FIXED CENTER PIN ON REDUCER.



USF 00116

CONECTOR TNC FÊMEA RETO COM BASE QUADRADA

CONECTOR TNC, HEMBRA, RECTO CON
BASE CUADRADA.
TNC CONNECTOR, FEMALE, STRAIGHT
WITH SQUARED BASE.



USF 00118

CONECTOR TNC FÊMEA RETO PARA PAINEL

CONECTOR TNC HEMBRA RECTO PARA PANEL
TNC CONNECTOR FEMALE STRAIGHT TO PANEL



USM 00100 = P/ Cabo / Cable Rg58
USM 00101 = P/ Cabo / Cable RGC213

CONECTOR TNC MACHO RETO PRENSA CABO

CONECTOR TNC MACHO, RECTO, CLAMP.
TNC CONNECTOR, MALE, STRAIGHT CLAMP.



CONECTOR TNC MACHO PRENSA CABO LONGO

CONECTOR TNC, MACHO, CLAMP LARGO
TNC CONNECTOR, MALE, LONG CLAMP

USM 00101-A- P/ Cabo / Cable RGC213



CONECTOR TNC MACHO RETO REVERSO (PINO FÊMEA) PRENSA CABO

CONECTOR TNC, MACHO REVERSO
(PIN CENTRAL HEMBRA), RECTO, CLAMP.
TNC CONNECTOR, REVERSE MALE
(FEMALE CENTER PIN), STRAIGHT, CLAMP.

USM 00102-R = P/ Cabo /Cable RG58
USM 00102-R-B = P/ Cabo /Cable RGC 213



CONECTOR TNC MACHO RETO DE CRIMP PINO FIXO

CONECTOR TNC, MACHO, RECTO DE CRIMP,
PIN CENTRAL FIJO.
TNC CONNECTOR, MALE, STRAIGHT,
CRIMP WITH FIXED CENTER PIN.

USM 00105 = P/ Cabo /Cable RG 58
USM 00105-B = P/ Cabo /Cable 174



CONECTOR TNC MACHO RETO REVERSO (PINO FÊMEA) DE CRIMP

CONECTOR TNC, MACHO REVERSO
(PIN CENTRAL HEMBRA), RECTO DE CRIMP.
TNC CONNECTOR, REVERSE MALE
(FEMALE CENTER PIN), STRAIGHT, CRIMP.

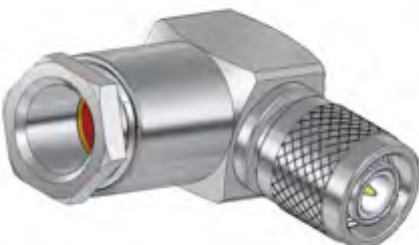
USM 00105-R = P/ Cabo /Cable RG58
USM 00105-R-B = P/ Cabo /Cable RG 174



CONECTOR TNC MACHO RETO DE CRIMP

CONECTOR TNC, MACHO, RECTO DE CRIMP
TNC CONNECTOR, MALE, CRIMP

USM 00109 - P/ Cabo /Cable RG58
USM 00112 - P/ Cabo /Cable RG213



CONECTOR TNC MACHO ANGULAR PRENSA CABO

CONECTOR TNC, MACHO ACODADO,
CLAMP.
TNC ANGULAR CONNECTOR, MALE,
CLAMP.

USM00111 - P/ Cabo /Cable RG213
USM00117 - P/ Cabo /Cable RG58