

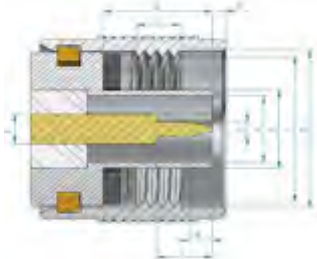
Conectores de RF tipo N - IEC 169-16

Conectores de RF tipo N - IEC 169-16
RF Connectors N type - IEC 169-16

Descrição da Norma: Destinada para conectores da série IEC 169-16 e MIL-C 39012 e MIL-55339
Descripción de la Norma: Destinado para los conectores de la serie IEC 169-16 y MIL-C 39012 y MIL-55339
Standard description: Intended for connector's series IEC 169-16 and MIL-C 39012 and MIL-55339

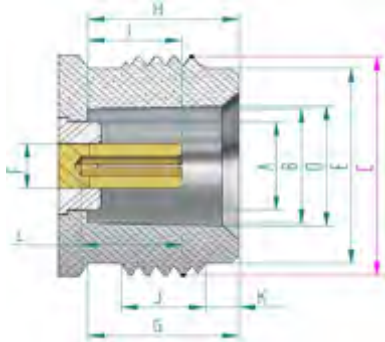
- **Características Dimensionais:**
- **Características Dimensionales:**
- **Dimensional Characteristics:**

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



Ref.	Máx.	Min.
A	9,91	9,78
B	8,04	8,05
C	5/8"x 24UNEF-2A	-
D	-	8,55
E	1,67	-
F	3,04	3,0
G	-	9,25
H	1,52	0,41
I	5,30	4,75
J	-	4,37
K	3,56	1,80

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



Ref.	Máx.	Min.
A	7,06	10,97
B	8,15	8,05
C	5/8"x 24UNEF-2A	-
D	8,74	8,55
E	14,00	13,80
F	3,04	3,00
G	15,90	-
H	9,19	9,05
I	5,26	4,75
J	-	4,37
K	1,96	1,19
L	-	5,35

- **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 Níquel 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: 1400 Volts
- Tensão máxima de teste / Tensión máxima de prueba / Maximum tension test: 2500 Volts rms.
- ❖ **VSWR:**
- Conector reto / Conector Recto / Straight connector: ≤ 1,3 ~ 4GHz
- Conector angular / Conector acodado / Angular connector : ≤ 1,35 ~ 4 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: ≤ 1 mΩ
- Contato externo / Contacto externo / External contact: ≤ 0,2 mΩ
- Resistência de isolação / Resistencia de aislamiento / Insulation resistance: ≥ 5GΩ min
- Resistência de isolação após conexão / Resistencia de aislamiento después de conectar / Insulation resistance after connection: ≥ 200MΩ min
- Temperatura de operação / Temperatura de operación / Operating temperature: -65°C ~ 155°C



CONECTOR N FÊMEA RETO PRENSA CABO

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

USF 00012-B – P/ CABO / CABLE LMR 400
USF 00012-C – P/ CABO / CABLE LMR 600
USF 00012-E – P/ CABO / CABLE RGC 213
USF 00012-K P/ CABO / CABLE RG 213 (MAIOR / MAYOR / BIGGER)

USF 00013 – P/ CABO / CABLE RGC 58
USF 00013-A-B - P/ CABO / CABLE RG 174
USF 00013-C = P/ CABO / CABLE RGC 06
USF 00013-D = P/ CABO / CABLE LMR 240
USF 00013-E = P/ CABO / CABLE RGC 05



CONECTOR N FÊMA RETO CRIMP PINO FIXO

CONECTOR N HEMBRA, RECTO, CRIMP CON PIN CENTRAL FIJO
N CONNECTOR, STRAIGHT, FEMALE, CRIMP WITH FIXED CENTER PIN

USF 00013-A – P/ CABO / CABLE RGC 58
USF 00013-B – P/ CABO / CABLE RG 174



ADAPTADOR N DUPLA FÊMEA RETO

ADAPTADOR N, DOBLE HEMBRA, RECTO
N ADAPTER, STRAIGHT, DOUBLE FEMALE

USF 00014



ADAPTADOR RETO DUPLA FÊMEA PARA PAINEL COM BASE REDONDA E PORCA

ADAPTADOR N RECTO, DOBLE HEMBRA
PARA PANEL CON BASE REDONDA Y TUERCA
ADAPTER N STRAIGHT, DOUBLE FEMALE FOR
PANEL WITH ROUND BASE AND NUT

USF 00014 – P



USF 00015
USF 00015-A-COM / CON / WITH O'RING

CONECTOR N FÊMEA COM ROSCA PARA PAINEL COM PORCA

CONECTOR N HEMBRA PARA PANEL
CON JUNTA.
N CONNECTOR, FEMALE, WITH GASKET,
FOR PANEL.



USF 00015-C

CONECTOR N FÊMEA PARA PAINEL COM ANEL DE VEDAÇÃO

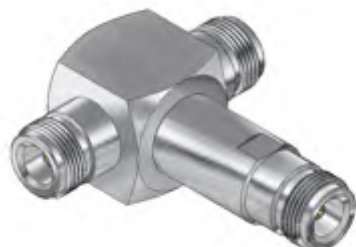
CONECTOR N HEMBRA PARA PANEL
CON JUNTA.
N CONNECTOR, FEMALE, WITH GASKET,
FOR PANEL.



USF 00016-CT

ADAPTADOR N DUPLA FÊMEA COM CENTELHADOR INTERNO

ADAPTADOR N DOBLE HEMBRA,
CON SPARK GAP INTERNO
N ADAPTER, DOUBLE FEMALE
WITH INNER SPARK GAP



DIVISOR DE POTÊNCIA SAÍDAS N FÊMEA

DIVISOR DE POTENCIA SALIDAS N HEMBRA
N SPLITTER POWER FEMALE OUTPUT

SAÍDAS N FÊMEA SALIDAS N HEMBRA N FEMALE OUTPUTS			SAÍDAS N FÊMEA SALIDAS N HEMBRA N FEMALE OUTPUTS		
USF 00017	=	2			
USF 00017-A	=	4	2450 Mhz	USF 00017-D	= 3 5800 Mhz
USF 00017-B	=	4	5800 Mhz	USF 00017-E	= 2 2450 Mhz
USF 00017-C	=	3	2450 Mhz	USF 00017-F	= 2 5800 Mhz



USF 00018

ADAPTADOR DUPLA FÊMEA N COM BASE QUADRADA 25,40mm

ADAPTADOR N DOBLE HEMBRA,
CON BASE CUADRADA 25,40 mm.
N ADAPTER, DOUBLE FEMALE,
WITH SQUARED BASE 25,40 mm.



USF 00019 = Ø 3,50
USF 00019-A = Ø 4,60

CONECTOR N FÊMEA COM BASE QUADRADA

CONECTOR N HEMBRA CON BASE CUADRADA
N CONNECTOR, FEMALE WITH SQUARED BASE

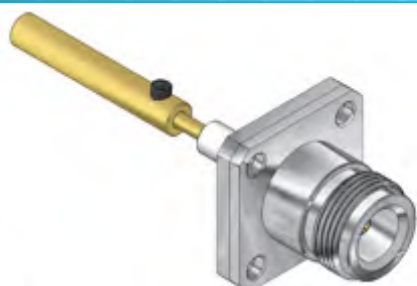
Furos da base
AGUJEROS DE LA BASE
BASE'S HOLES

CONECTOR N FÊMEA COM BASE QUADRADA

CONECTOR N HEMBRA CON BASE CUADRADA
N CONNECTOR, FEMALE WITH SQUARED BASE



USF 00019-B - { PINO ROSCA
PIN ROSCADO
THREADED PIN } W1/8 X 30,00mm



USF 00019 - C

CONECTOR N FÊMEA COM BASE QUADRADA PINO LONGO

CONECTOR N HEMBRA CON BASE CUADRADA
PIN CENTRAL LARGO
N CONNECTOR, FEMALE WITH SQUARED BASE,
LONG CENTER PIN



CONECTOR N FÊMEA COM BASE QUADRADA

CONECTOR N HEMBRA CON BASE CUADRADA
N CONNECTOR, FEMALE WITH SQUARED BASE

USF 00019-D = P/ Pino / Pin Ø1,35 x 13,00mm

USF 00019-E = P/ Pino / Pin Ø0,70 x 7,00mm



CONECTOR N FÊMEA COM BASE POLIGONAL

CONECTOR N HEMBRA CON BASE POLIGONAL
N CONNECTOR, FEMALE, WITH POLYGONAL BASE

USF 00019 - F



CONECTOR N FÊMEA COM BASE QUADRADA E O'RING

CONECTOR N HEMBRA CON BASE
CUADRADA Y O'RING.
N CONNECTOR, FEMALE WITH
SQUARED BASE AND O'RING.

USF 00019 - G



CONECTOR N FÊMEA RETO DE CRIMP PINO AVULSO

CONECTOR N HEMBRA RECTO DE CRIMP,
PIN CENTRAL SUELTO.
N STRAIGHT CONNECTOR, FEMALE,
LOOSE CENTER PIN.

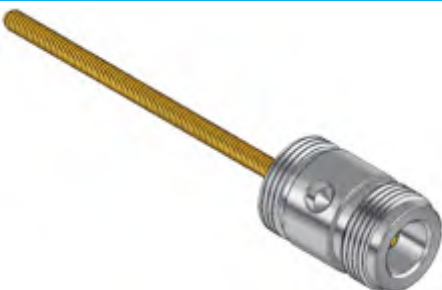
USF 00020-C = P/ Cabo / Cable RG 213



CONECTOR N FÊMEA PARA PAINEL ESPECIAL

CONECTOR N HEMBRA PARA PANEL ESPECIAL.
N CONNECTOR, FEMALE FOR SPECIAL PANEL.

USF 00021



CONECTOR N FÊMEA PARA PAINEL SEM BASE- PINO ROSCA W1/8"

CONECTOR N HEMBRA PARA PANEL SIN
BASE PIN CENTRAL ROSCADO W 1/8".
N CONNECTOR, FEMALE FOR PANEL, WITHOUT
BASE THREADED CENTER PIN W 1/8".

USF 00022 - Pino / Pin 60mm

USF 00023 - Pino / Pin 30mm

USF 00023-A - Pino / Pin 15mm



USF 00023-B

CONECTOR N FÊMEA PARA PAINEL SEM BASE (pino sem rosca)

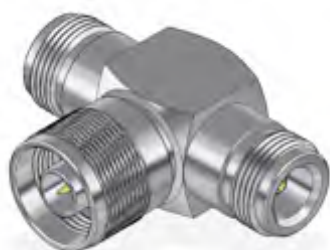
CONECTOR N HEMBRA PARA PANEL,
SIN BASE (PIN CENTRAL SIN ROSCA)
N CONNECTOR, FEMALE, FOR PANEL,
WITHOUT BASE (CENTER PIN NO THREADED)



USF 00024

ADAPTADOR N TRIPLA FÊMEA

ADAPTADOR N TRIPLE HEMBRA
N ADAPTER TRIPLE FEMALE



USF 00025

ADAPTADOR N 2 FÊMEA E 1 MACHO

ADAPTADOR N 2 HEMBRAS Y 1 MACHO.
N ADAPTER 2 FEMALES AND 1 MALE.



USF 00028 = P/ Cabo / Cable RG 58
USF 00028-B = P/ Cabo / Cable RG 174
USF 00028-B-25 - comp./ long. / lgth. 25mm
- P/ Cabo / Cable RG 58
USF 00028-C = P/ Cabo / Cable RG 178

CONECTOR N FÊMEA PARA PAINEL DE CRIMP PINO FIXO

CONECTOR N HEMBRA DE CRIMP PIN
CENTRAL FIJO, PARA PANEL.
N CONNECTOR, FEMALE, CRIMP,
FIXED CENTER PIN FOR PANEL.



USF 00029 = P/ cabo/cable RG58

CONECTOR N FÊMEA ESPECIAL DE CRIMP PINO FIXO

CONECTOR N HEMBRA ESPECIAL DE CRIMP,
PIN CENTRAL FIJO.
N CONNECTOR, SPECIAL FEMALE,
CRIMP , FIXED CENTER PIN.



USF 00030 – Pino/Pin 15mm
USF 00030-1 – Com anel e porca
Con Anillo Y Tuerca – Pino/Pin 15mm
USF 00030-A – Pino/Pin 30mm

CONECTOR N FÊMEA PARA PAINEL COM BASE REDONDA

CONECTOR N HEMBRA PARA PANEL CON
BASE REDONDA.
N CONNECTOR, FEMALE FOR PANEL
WITH ROUND BASE.



USF 00033

CONECTOR N FÊMEA PINO LONGO

CONECTOR N HEMBRA PIN CENTRAL LARGO.
N CONNECTOR, FEMALE, LONG CENTER PIN.



USF 00033 S-R = P/ cabo semi rígido EZ 141
P/cable semi rigid

CONECTOR N FÊMEA RETO COM BASE QUADRADA

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



USF 00036 – P/ cabo /cable RG213

CONECTOR N FÊMEA PRENSA CABO COM BASE QUADRADA

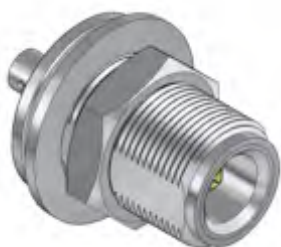
CONECTOR N HEMBRA, CLAMP CON BASE CUADRADA.
N CONNECTOR, FEMALE, CLAMP WITH SQUARED BASE.



USF 00037 = P/ Cabo / Cable RG 213

CONECTOR N FÊMEA PRENSA CABO ESPECIAL 5.8GHZ

CONECTOR N HEMBRA, CLAMP, ESPECIAL 5.8Gh.
N CONNECTOR, FEMALE, CLAMP, ESPECIAL 5.8Ghz.



USF 00039

CONECTOR N FÊMEA DE SOLDA PARA PAINEL COM PORCA

CONECTOR N HEMBRA DE SOLDAR, PARA PANEL CON TUERCA.
N CONNECTOR, WELDING FEMALE, FOR PANEL WITH NUT.



USF 00041-CT

CENTELHADOR N MACHO X N FÊMEA

SPARK GAP N MACHO / N HEMBRA.
SPARK GAP N MALE / N FEMALE.



ADAPTADOR N MACHO E FÊMEA ANGULAR

ADAPTADOR ACODADO N MACHO Y N HEMBRA
N ANGULAR ADAPTER MALE AND FEMALE

USF 00044



ADAPTADOR N MACHO E FÊMEA ANGULAR COM PORCA PARA PAINEL

ADAPTADOR ACODADO N MACHO Y HEMBRA CON TUERCA PARA PANEL.
N ANGULAR ADAPTER MALE AND FEMALE WITH NUT FOR PANEL.

USF 00045



CONECTOR N MACHO PRENSA CABO

CONECTOR N MACHO CLAMP.
N CONNECTOR, MALE, CLAMP.

	CABO/CABLE		CABO/CABLE
USM 00010-B =	LMR 400	USM 00011-A-B =	RG174
USM 00010-C =	LMR 600	USM 00011-A-C =	RGC 06
USM 00010-E =	RGC 213	USM 00011-A-D =	RGC 05
USM 00011-A =	RG58	USM 00011-A-E =	RF 0,4 / 2,5



CONECTOR N MACHO RETO CRIMP

CONECTOR N MACHO RECTO DE CRIMP
N STRAIGHT CONNECTOR, MALE, CRIMP

USM 00011-B - P/ CABO /CABLE RGC 58
USM 00011-C - P/ CABO /CABLE RGC 213



CONECTOR N MACHO DE CRIMP PINO FIXO

CONECTOR N MACHO DE CRIMP, PIN CENTRAL FIJO
N CONNECTOR, MALE, CRIMP AND FIXED CENTER PIN

USM 00011-D - P/ cabo /cable RG 58
USM 00011-D-B - P/ cabo /cable RG 174
USM 00011-D-C - P/ cabo /cable RGC 06



CONECTOR N MACHO COM BASE QUADRADA

CONECTOR N MACHO CON BASE CUADRADA
N CONNECTOR, MALE WITH SQUARED BASE

USM 00026 = Furos da base
Agujeros de la base
Base's holes Ø3,50



USM 00026-A

CONECTOR N MACHO RETO COM BASE REDONDA

CONECTOR N MACHO RECTO CON
BASE REDONDA
N STRAIGHT CONNECTOR, MALE
WITH ROUND BASE



USM 00027

ADAPTADOR N DUPLO MACHO

ADAPTADOR N DOBLE MACHO
N ADAPTER, DOUBLE MALE



USM 00031 – P/ cabo /cable RG213
USM 00040 – P/ cabo /cable RG58

CONECTOR N MACHO ANGULAR PRENSA CABO

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



USM 00032-CT-M

CONECTOR N FÊMEA COM CENTELHADOR INTERNO E PINO MACHO AVULSO

CONECTOR N HEMBRA CON SPARK GAP
INTERNO Y PIN CENTRAL MACHO SUELTO.
N CONNECTOR, FEMALE WITH INNER SPARK
GAP WITH MALE LOOSE CENTER PIN.



USM 00034 S-R

CONECTOR N MACHO RETO DE SOLDA P/CABO RÍGIDO 0,141

CONECTOR N MACHO PARA SOLDAR CABLE
RÍGIDO 0,141
N CONNECTOR MALE STRAIGHT SOLDERING
CABLE RIGID 0,141



USM 00038 - P/ Cabo/Cable RG 213

CONECTOR N MACHO PRENSA CABO ESPECIAL 5.8Ghz

CONECTOR N MACHO, CLAMP,
ESPECIAL 5.8Ghz.
N CONNECTOR, MALE, CLAMP,
ESPECIAL 5.8Ghz.



USM 00042

TAMPA DE PROTEÇÃO PARA CONECTORES N E UHF MACHO

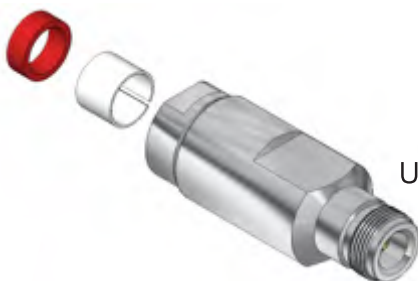
CUBIERTA DE PROTECCIÓN PARA CONECTORES N Y UHF MACHO.
PROTECTIVE COVER FOR N AND UHF MALE CONNECTORS.



USM 00043 = P/ Cabo /CABLE RG 58

CONECTOR N FÊMEA COM BASE QUADRADA PRENSA CABO

CONECTOR N HEMBRA CON BASE CUADRADA, CLAMP.
N CONNECTOR, FEMALE WITH SQUARED BASE, CLAMP.



USF 00081-A = P/ Superflexível
Super flexible 1/2"

CONECTOR N FÊMEA PARA CABO SUPERFLEXÍVEL

CONECTOR N HEMBRA PARA CABLE SUPER FLEXIBLE.
N CONNECTOR, FEMALE FOR SUPER FLEXIBLE CABLE.



USF-P 00081-A = P/ Cellflex 1/2"
USF-P 00081-B = P/ Cellflex 7/8"
USF-P 00081-C = P/ Cellflex 3/8"

CONECTOR N FÊMEA SISTEMA PRESILHA

CONECTOR N HEMBRA SISTEMA CLAMP.
N CONNECTOR, FEMALE, CLAMP SYSTEM.



USM 0080-A = P/ Superflexível
Super flexible 1/2"

CONECTOR N MACHO PARA CABO SUPERFLEXÍVEL

CONECTOR N MACHO PARA CABLE SUPER FLEXIBLE.
N CONNECTOR, MALE FOR SUPER FLEXIBLE CABLE.



USM-P 00080-A = P/ Cellflex 1/2"
USM-P 00080-B = P/ Cellflex 7/8"
USM-P 00080-C = P/ Cellflex 3/8"

CONECTOR N MACHO SISTEMA PRESILHA

CONECTOR N MACHO SISTEMA CLAMP.
N CONNECTOR, MALE, CLAMP SYSTEM.