

# RADIO ALFA

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Conector N (m) para PS-400/LMR-400/CNT-400  
REF. 382.004

**MODELO:** N-ML-PS400



## Características

Modelo	N-ML-PS400	Rango de Frecuencia	0 – 5 GHz
Impedancia Nominal	50 Ω	Tensión de Trabajo	1500 V
Resistencia Dieléctrica	2500 V	Relación de Onda estacionaria de tensión	≤1.2 (0~2G) ≤1.3 (2~3G)
Resistencia de contacto del conductor interior	≤ 1 mΩ	Resistencia de contacto del conductor exterior	≤ 0.25 mΩ
Resistencia de Aislamiento	≥ 5000 mΩ	Pérdida de Inserción	≤ 0.1 dB (Max. )
Pico de potencia de Transmisión	≤ 1.8KW@1G	Aplicable al cable eléctrico	PS-400 / LMR-400 CNT-400
Fuerza de retención de la conexión con cable en el extremo	≥ 300N	Durabilidad	≥500
Vibración de alta Frecuencia	De acuerdo con la estipulación de 4.6.15 GJB681	Impacto Mecánico	De acuerdo con la estipulación de 4.6.16 GJB681
Impacto de temperatura	De acuerdo con la estipulación de 4.6.75 GJB681	Resistencia a la humedad	De acuerdo con la estipulación de 4.6.75 GJB681

## Mechanical Specifications

Outer Contact Plating	Trimetal
Inner Contact Plating	Silver
Outer Contact Attachment Method	Crimp
Inner Contact Attachment Method	Captivated
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-16:9.5
Connector Retention Tensile Force	330 N   74 lbf
Connector Retention Torque	0.56 N-m   0.41 ft lb
Coupling Nut Proof Torque	1.70 N-m   1.25 ft lb
Coupling Nut Proof Torque Method	IEC 61169-16:9.3.6
Coupling Nut Retention Force	450.00 N   101.16 lbf
Coupling Nut Retention Force Method	IEC 61169-16:9.3.11

## Dimensions

Nominal Size	0.405 in
Diameter	20.25 mm   0.80 in
Length	43.00 mm   1.69 in
Weight	32.42 g   0.07 lb
Width	20.25 mm   0.80 in



**Producto Pirostar**

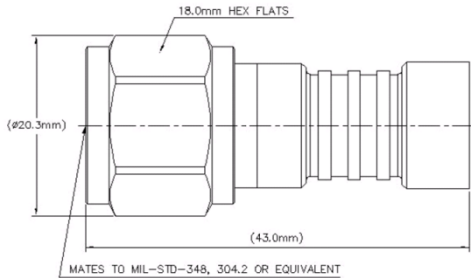
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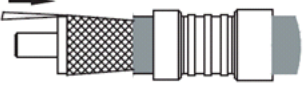

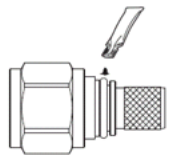
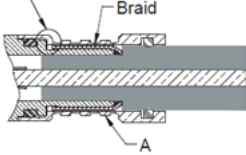
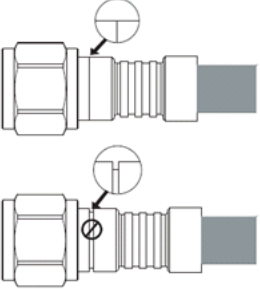
**MANUAL DE INSTALACIÓN**

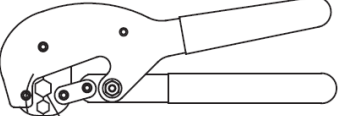
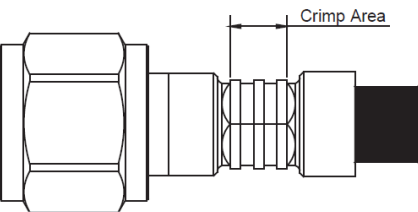
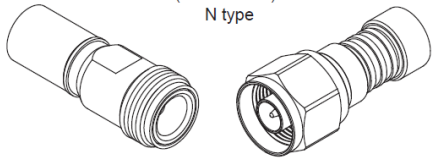


		Tools	
<p>Connector Body      Ferrule      Grease</p>		<p>Safety Knife      File      Forfex      Crimp Tool: CTBC</p>	
<p><b>1.</b> Straighten the first 200.0 mm (7.874") min. of the cable.</p> <p>200 mm (7.874") min.</p>	<p><b>2.</b> Daub grease B onto cable uniformly as shown; Push and rotate part A onto cable as shown.</p>	<p><b>3.</b> Remove 19.0 mm (0.748") of Jacket only.</p> <p>19.0 ± 0.5 mm (0.748 ± 0.020")</p>	
<p><b>4.</b> Trim 9.0 mm (0.354") of braid, exposing outer conductor.</p> <p>9.0 ± 0.5 mm (0.354 ± 0.020")</p>	<p><b>5.</b> Remove 7.0 mm (0.276") of foil &amp; foam, exposing center conductor. Remove all foam/glue residue from the center conductor.</p> <p>Don't damage the cable inner contact.</p> <p>7.0 ± 0.5 mm (0.276 ± 0.020")</p>	<p><b>6.</b> Chamfer the center conductor at a 45° angle.</p> <p>45°</p> <p>Burr</p> <p>Note!!!</p>	

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<p><b>7.</b> Splay out braid as shown.</p> 	<p><b>9.</b> The cable attachment must be straight and aligned with the hole of connector inner contact. Push the prepared cable attachment into connector body until stopped, the cable center conductor must be inserted into inner contact fingers. Make sure the braid cover the body sleeve, then twist part A onto braid until stopped.</p>  <p>Insert into hole</p>
<p><b>8.</b> Daub grease B onto O ring circuit uniformly.</p> 	<p>Clear all residual braid wires.</p>  <p>Braid</p> <p>A</p> 

<p><b>10.</b> Crimp the ferrule at the area as shown. Crimp tool part number is: CTBC</p>  <p>10.9 mm (0.429") Hex Die Dim</p>  <p>Crimp Area</p>	<p><b>11.</b> Coupling torque.</p> <p>0.7-1.1 N-m (6.2-9.7 lb-in) N type</p> 
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