

Low PIM N Male to 7/16 DIN Female LSZH Jacketed Cable 0.250 Formable Low PIM Coax in 200 CM



**FMC0136925-200CM**

**Configuration**

- Connector 1: N Male
- Connector 2: 7/16 DIN Female
- Coax Flex Type: Formable

**Features**

- Max Frequency 3 GHz
- Low PIM: -160 dBc Max
- Shielding Effectivity > -100 dB
- PVC LSZH Jacket

**Applications**

- General Purpose
- Laboratory Use
- Low PIM Applications

**Description**

The type N male to 7/16 DIN female 200 cm cable using coax, part number FMC0136925-200CM, from Fairview Microwave is in-stock and ships same day. This Fairview type N to 7/16 DIN cable assembly has a male to female gender configuration with 50 ohm formable coax. Fairview Microwave's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. Our low PIM design offers excellent passive intermodulation performance with PIM levels better than -160 dBc. The FMC0136925-200CM type N male to 7/16 DIN female cable assembly operates to 3 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.15:1	
RF Shielding	-100			
Passive Intermodulation			-160	dBc
Input Power (Average)			2	KWatts

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	3			GHz
Insertion Loss (Typ.)	0.32	0.525	0.918			dB
Power Handling (Max.)	2,000	1,500	950			Watts

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**Mechanical Specifications**

**Cable Assembly**

Length 78.74 in [200 cm]  
Weight 0.791 lbs [358.79 g]

**Cable**

Impedance 50 Ohms  
Inner Conductor Material and Plating Copper, Silver  
Dielectric Type PTFE  
Outer Conductor 1 Material and Plating Copper, Tin  
Jacket Material PVC LSZH  
Jacket Diameter 0.276 in [7.01 mm]  
One Time Minimum Bend Radius 5 in [127 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	7/16 DIN Female
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Silver	Beryllium Copper, Silver
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Silver	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal	
Hex Size	3/4 inch	

**Environmental Specifications**

Operating Range Temperature -55 to +125 deg C

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

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**Typical Performance Data**

**How to Order**



Example: FMC0136925-12 = 12 inches long cable  
FMC0136925-100cm = 100 cm long cable

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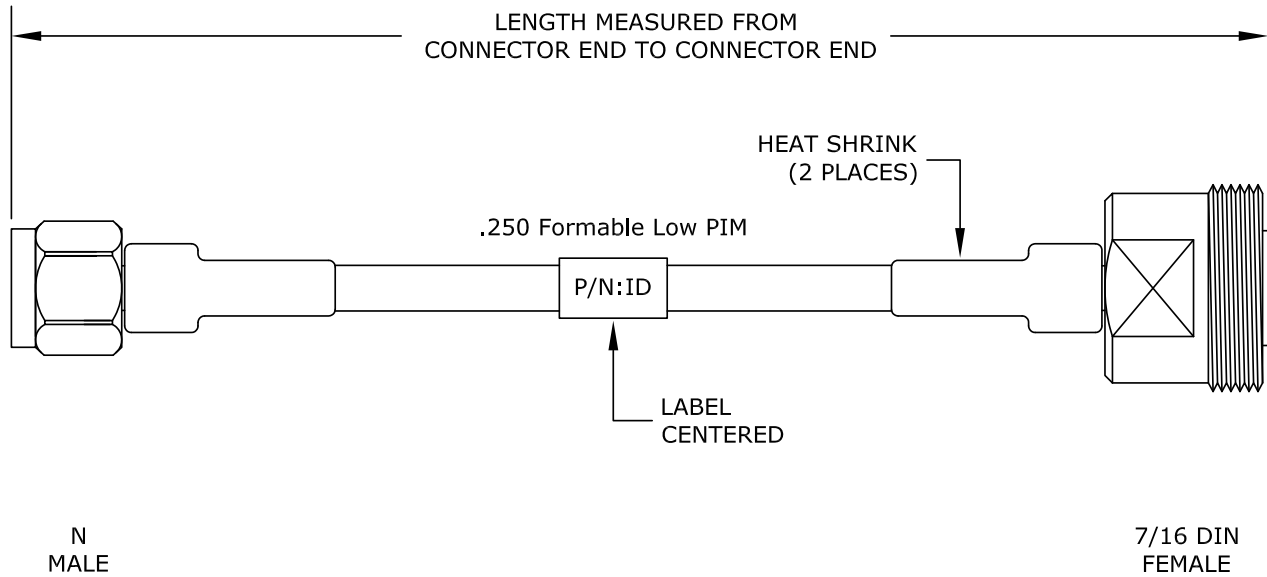
For additional information on this product, please click the following link: [Low PIM N Male to 7/16 DIN Female LSZH Jacketed Cable 0.250 Formable Low PIM Coax in 200 CM FMC0136925-200CM](https://www.fairviewmicrowave.com/n-male-7-16-female-cable-0.250-formable-low-pim-coax-fmc0136925-200cm-p.aspx)

URL: <https://www.fairviewmicrowave.com/n-male-7-16-female-cable-0.250-formable-low-pim-coax-fmc0136925-200cm-p.aspx>

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# FMC0136925-200CM CAD Drawing

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<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE	DWG NO <b>FMC0136925</b>		CAGE CODE <b>3FKR5</b>		
	CAD FILE 120314	SHEET	SCALE N/A	SIZE A	2233