

RA SMA Male Connector Clamp/Solder Attachment For LL160 Cable

RA SMA male connector with clamp/solder attachment for LL160, part number FMCN1467, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMA male connector FMCN1467 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.16:1	
DWV (AC)			1,000	Vrms

Mechanical Specifications

Weight 0.552 lbs [250.38 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488
Insulation	PTFE	
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	
Gasket	Silicone Rubber	
Crimp Sleeve	Brass	Gold ASTM-B488

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- LL160 Interface Type
- Clamp/Solder Attachment

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.16:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488

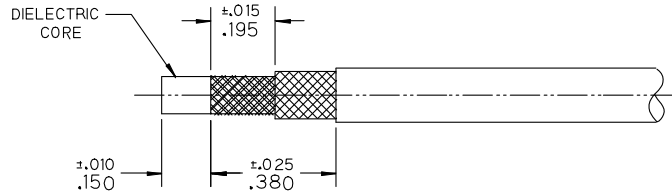
Applications:

- General Purpose Test
- Custom Cable Assemblies

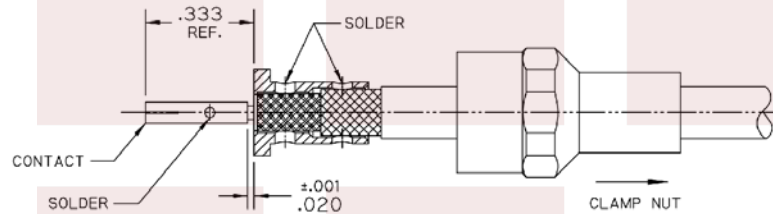
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Assembly Instruction

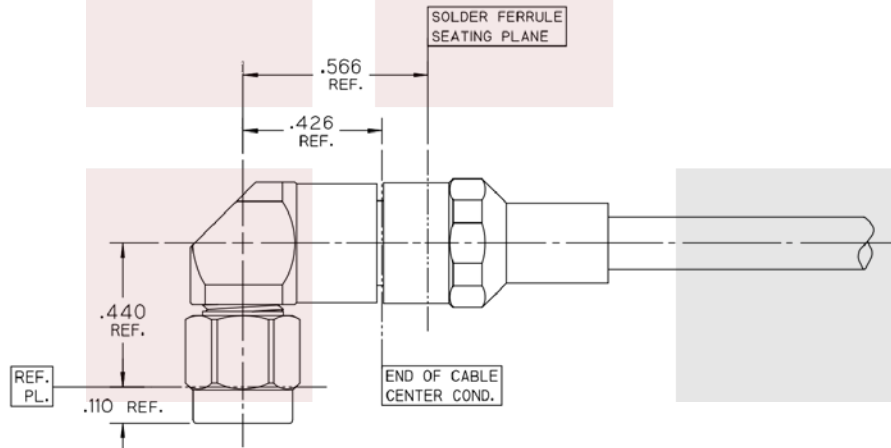
1. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.



2.
 - A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOWN.
 - B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS IN FERRULE. THEN SOLDER CABLE BRAIDS TO FERRULE WHERE SHOWN.
 - C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE. (DO NOT NICK CABLE CENTER CONDUCTOR).
 - D. SOLDER CONTACT WITH INDICATED GAP.



3. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.



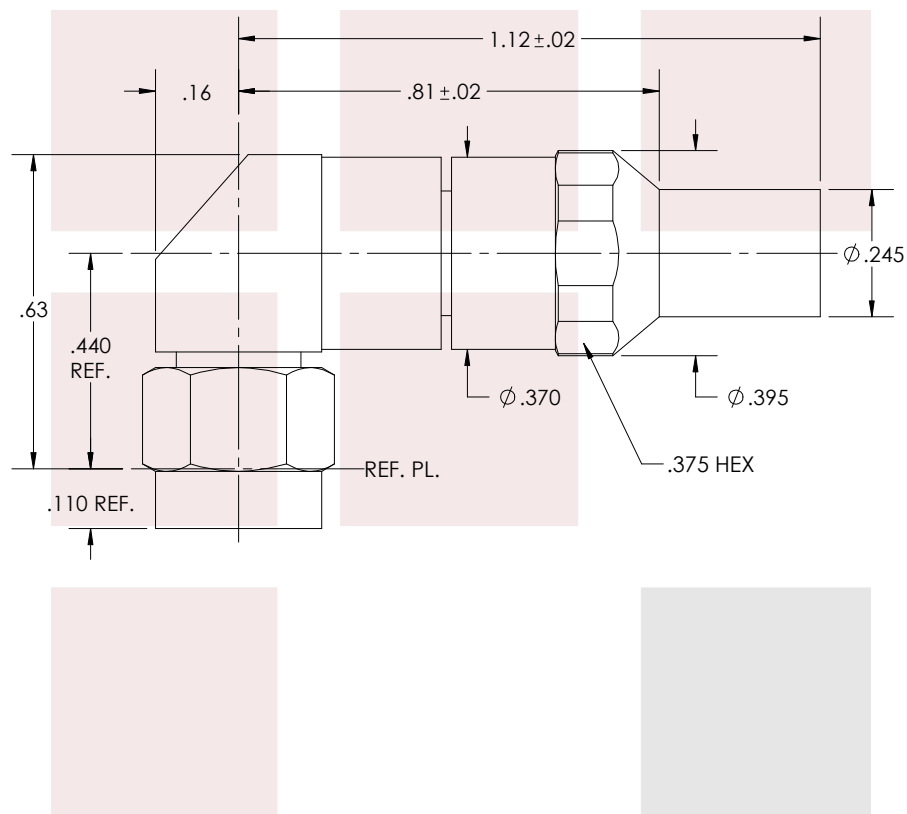
RA SMA Male Connector Clamp/Solder Attachment For LL160 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA SMA Male Connector Clamp/Solder Attachment For LL160 Cable FMCN1467](#)

URL: <https://www.fairviewmicrowave.com/sma-male-ll160-connector-fmcn1467-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





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.X ±0.2
.XX ±0.01
.XXX ±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.

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

RA SMA Male Connector Clamp/Solder Attachment For
LL160 Cable

DWG NO

FMCN1467

CAGE CODE

3FKR5

CAD FILE 01/11/18

SHEET

SCALE N/A

SIZE A

GF0006

SMA Male Precision Connector Clamp/Solder Attachment for LL335i Cable .490 inch Diameter Body

SMA male precision connector with clamp/solder attachment for LL335i, part number FMCN1185, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.4:1.

Fairview's SMA male connector FMCN1185 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.4:1	

Mechanical Specifications

Size	
Length	1.61 in [40.89 mm]
Width/Dia.	0.491 in [12.47 mm]
Weight	0.045 lbs [20.41 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488 50 µin
Insulation	PTFE	
Body	Passivated Stainless Steel	SAE-AMS-2700
Coupling Nut	Passivated Stainless Steel	SAE-AMS-2700
Gasket	Silicone Rubber	

Environmental Specifications

Temperature	
Operating Range	-55 to +160 deg C

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

Plotted and Other Data

Notes:



Configuration:

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- LL335i Interface Type
- Clamp/Solder Attachment
- 5/16 Inch Hex
- Precision Design

Features:

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.4:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488 50 µin

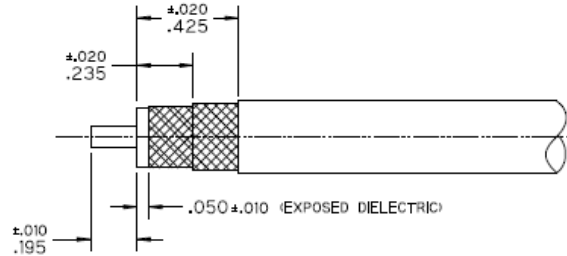
Applications:

- General Purpose Test
- Precision Test & Measurement
- Custom Cable Assemblies

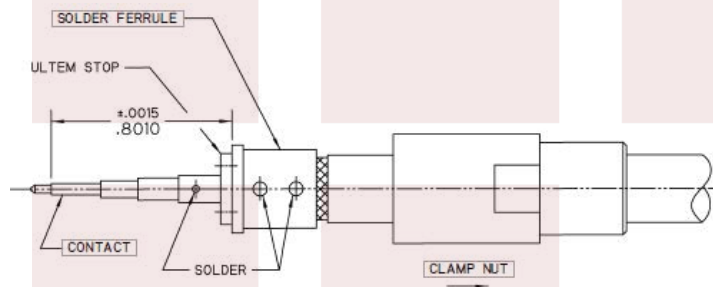
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Assembly Instruction

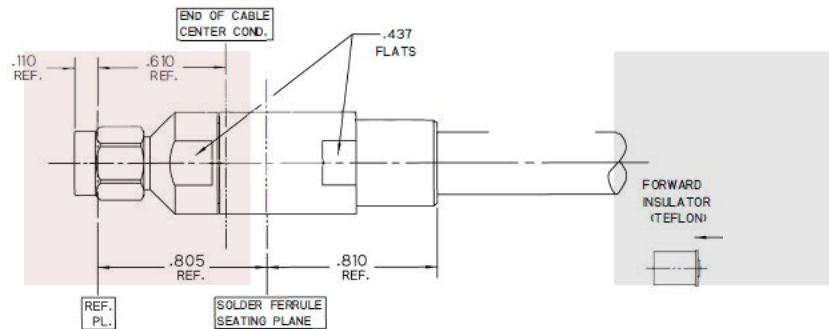
1. TRIM CABLE AS SHOWN.



2. SLIDE CLAMP NUT OVER CABLE AS SHOWN. INSERT CABLE INTO SOLDER FERRULE UNTIL CABLE DIELECTRIC IS FLUSH WITH FACE OF FERRULE. THEN SOLDER BOTH CABLE BRAIDS WHERE SHOWN. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.



3. INSERT FORWARD INSULATOR INTO CONNECTOR IN ORIENTATION SHOWN. INSERT CABLE/ CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS.

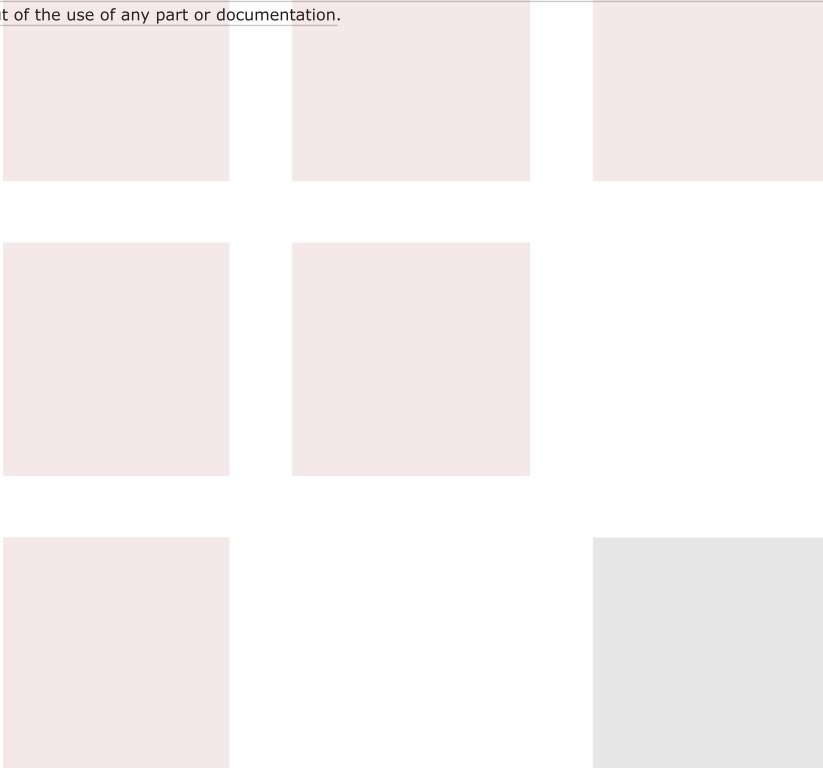


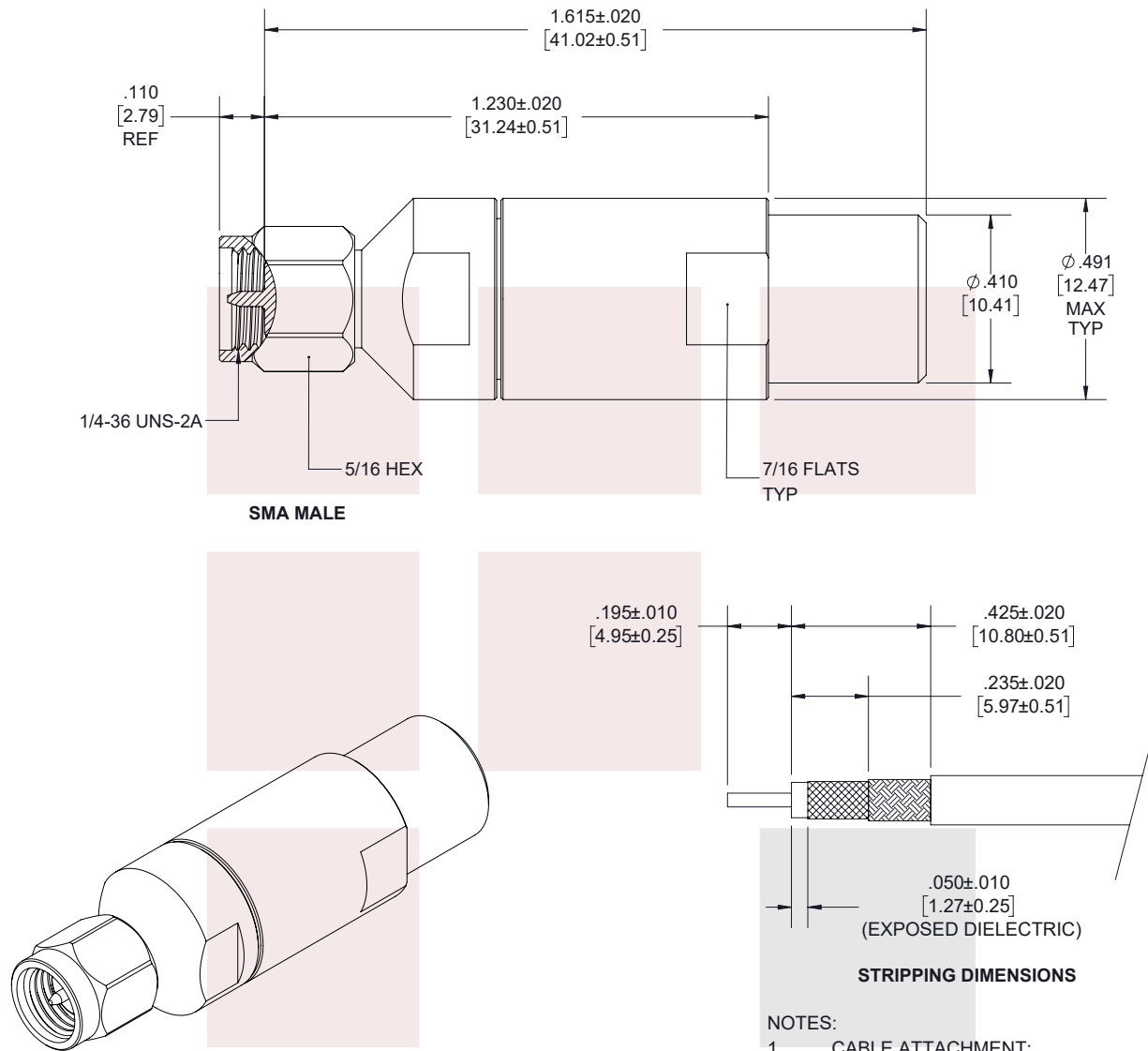
SMA Male Precision Connector Clamp/Solder Attachment for LL335i Cable .490 inch Diameter Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male Precision Connector Clamp/Solder Attachment for LL335i Cable .490 inch Diameter Body FMCN1185](#)

URL: <https://www.fairviewmicrowave.com/sma-male-ll335i-connector-fmcn1185-p.aspx>

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.X ±0.2
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TITLE SMA Male Precision Connector Clamp/Solder Attachment for LL335i Cable .490 inch Diameter Body		DWG NO FMCN1185		CAGE CODE 3FKR5		
CAD FILE	05/30/19	SHEET	1 OF 1	SCALE	N/A	SIZE A 7361

SPP-250-LLPL Low Loss Corrugated Coax Cable Blue FEP Jacket Superflexible

Times Microwave Systems Coax Cable Specification

SPP-250-LLPL low loss plenum rated coax cable by Times Microwave is in-stock and ships same day. The SPP-250-LLPL coaxial cable features a low loss dielectric, solid copper center conductor and a helically corrugated, copper outer conductor. These features combine to make the Times Microwave SPP-250-LLPL an extremely flexible, low PIM coax cable, ideally suited for Small Cells, Distributed Antenna Systems (DAS) or other plenum installations. The tough jacket, made from an FEP fluoropolymer, provides moisture and UV protection.

A datasheet and specifications for Times Microwave SPP-250-LLPL coax cable, supplied by Fairview Microwave, are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave components allows designers to configure and customize their signal connections however they like. For providing low PIM jumper connections, low PIM feeder cables or connecting Small Cells, Fairview Microwave has the right cables for the job.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
Velocity of Propagation		76		%
Shielding Effectiveness	100			dB
Passive Intermodulation			-160	dBc
Inner Conductor DC Resist.			3	Ohms/1000ft
Nominal Capacitance		29 [95.14]		pF/ft [pF/m]
Nominal Inductance		0.067 [0.22]		uH/ft [uH/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.45	1.9	2.3	4.9	5.8	GHz
Attenuation, Typ	3.8 12.47	8.1 26.57	9 29.53	13.5 44.29	14.8 48.56	dB/100ft dB/100m
Power In (CW), Max	1,010	470	430	280	260	Watts

Mechanical Specifications

Diameter	0.28 in [7.11 mm]
Min. Bend Radius (Installation)	1.25 in [31.75 mm]
Bending Moment	0.8 lbs-ft [1.08 N-m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strands	0.068 in [1.73 mm]



Configuration:

- Low Loss, Plenum Corrugated Cable

Features:

- UL910 Plenum Rated Cable
- PIM < -160 dBc
- Excellent Shielding >100 dB
- Lightweight and Extremely Flexible
- Low Loss
- UV Resistant Jacket

Applications:

- Small Cells
- Distributed Antenna Systems (DAS)
- Plenum Installations
- PIM Testing
- Multi-Carrier Communication Systems

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sales@fairviewmicrowave.com

Conductor Type	Solid	
Dielectric	PTFE	0.19 in [4.83 mm]
Outer Conductor	Copper Corrugated	0.25 in [6.35 mm]
Jacket	FEP, Blue	0.28 in [7.11 mm]

Environmental Specifications

Temperature

Operating Range

-55 to +200 deg C

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

Plotted and Other Data

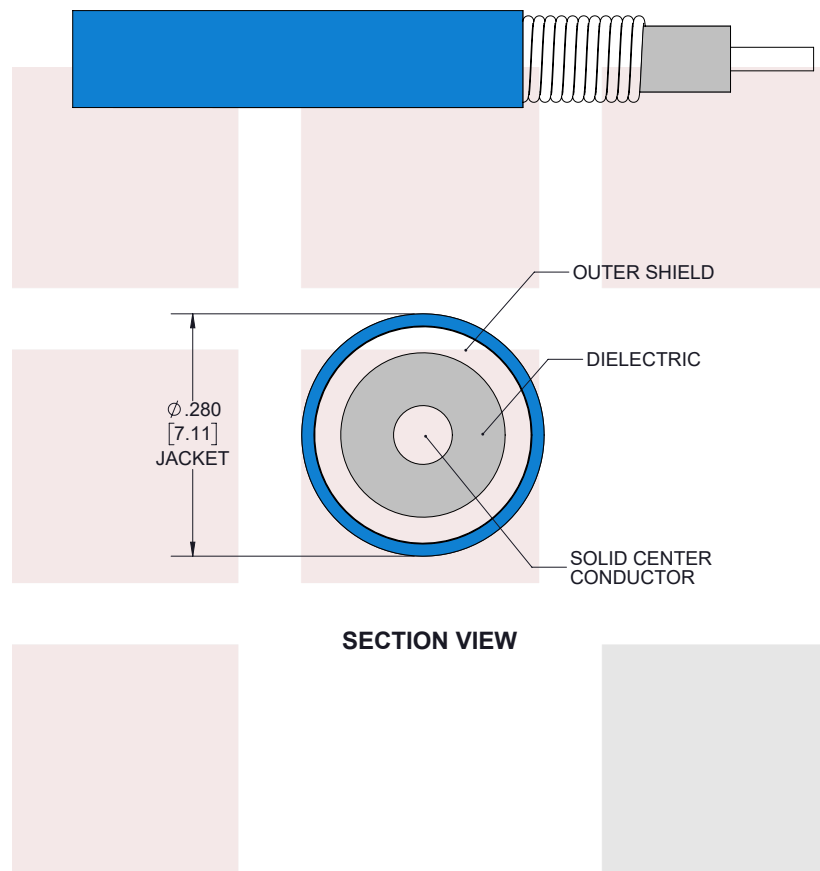
Notes:

SPP-250-LLPL Low Loss Corrugated Coax Cable Blue FEP Jacket Superflexible from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [SPP-250-LLPL Low Loss Corrugated Coax Cable Blue FEP Jacket Superflexible SPP-250-LLPL](#)

URL: <https://www.fairviewmicrowave.com/spp250llpl-low-loss-corrugated-coax-cable-fep-jacket-spp-250-llpl-p.aspx>

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TITLE SPP-250-LLPL Low Loss Corrugated Coax Cable Blue FEP Jacket Superflexible SECTION VIEW	DWG NO SPP-250-LLPL			CAGE CODE 3FKR5		
	CAD FILE 022118	SHEET 1 OF 1	SCALE N/A	SIZE A	7361	