

SMA Male Low PIM Connector Solder Attachment for FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR, FM-SR141CUTN-COIL Cable

SMA male connector with solder/solder attachment for FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR and FM-SR141CUTN-COIL, part number FMCN1939, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 26 GHz. The SMA male connector also has low passive intermodulation (PIM) of -155 dBc.

Fairview's SMA male connector FMCN1939 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		26	GHz
Passive Intermodulation			-155	dBc
DWV (AC)			750	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Freq. Range	DC to 18	18 to 26				GHz
VSWR, Max	1.25:1	1.35:1				

Mechanical Specifications

Size	
Length	0.5 in [12.7 mm]
Width/Dia.	0.36 in [9.14 mm]
Height	0.36 in [9.14 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal



Configuration:

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR, FM-SR-141CUTN-COIL Interface Type
- Solder/Solder Attachment
- Low PIM Design

Features:

- Operating Frequency of 26 GHz Max.
- PIM levels better than -155 dBc
- Silver Plated Brass Contact

Applications:

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

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Environmental Specifications

Temperature

Operating Range -40 to +155 deg C

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

Plotted and Other Data

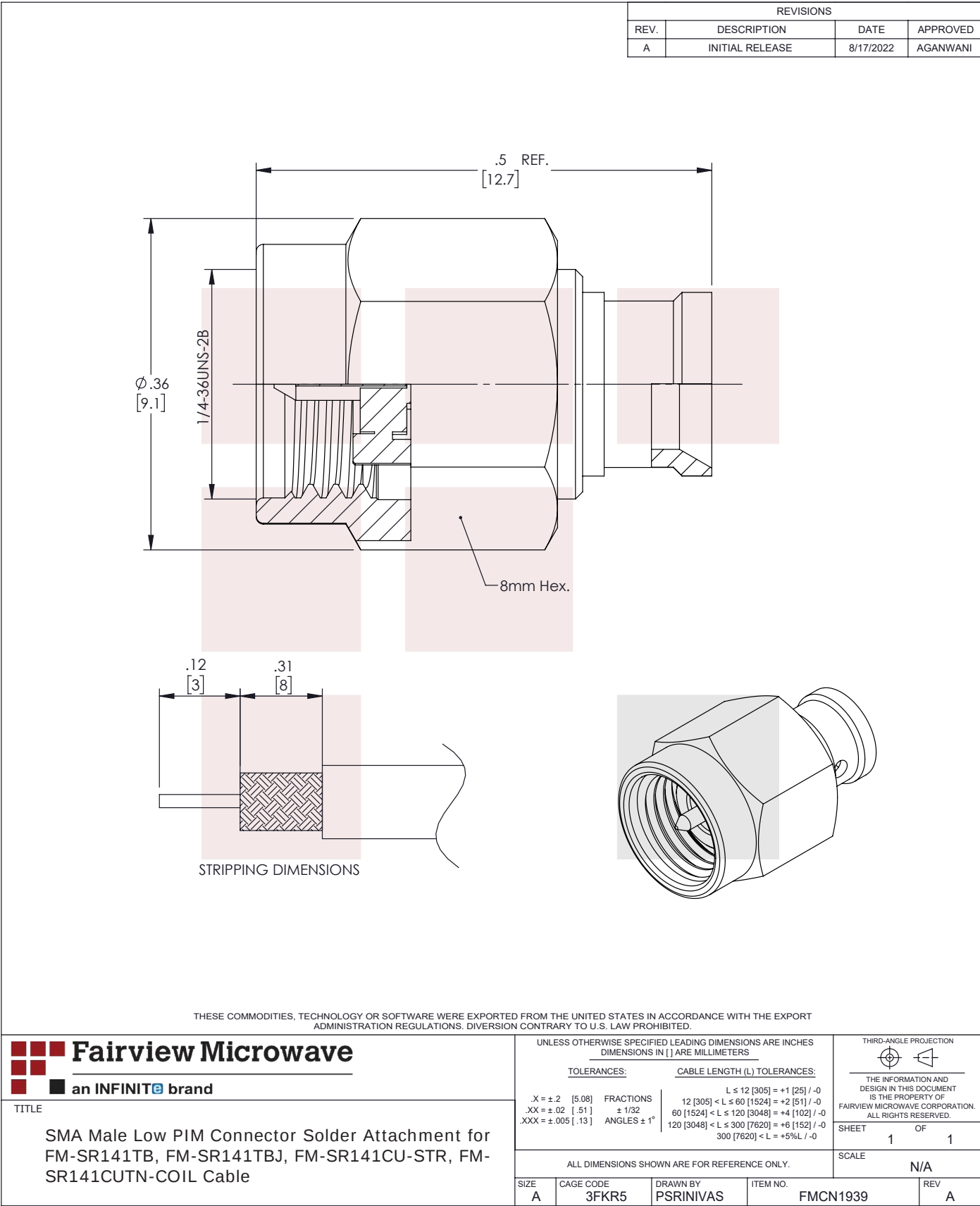
Notes:

SMA Male Low PIM Connector Solder Attachment for FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR, FM-SR141CUTN-COIL 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male Low PIM Connector Solder Attachment for FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR, FM-SR141CUTN-COIL Cable FMCN1939](#)

URL: <https://www.fairviewmicrowave.com/sma-male-fm-sr141tb-fm-sr141tbj-fm-sr141cu-str-fm-sr141cutn-coil-connector-fmcn1939-p.aspx>

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TNC Female Bulkhead Mount Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402

TNC female bulkhead connector with solder/solder attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN and RG402, part number FMCN1879, from Fairview Microwave is in-stock and ships same day. This TNC female connector operates up to a maximum frequency of 6 GHz. Fairview's FMCN1879 bulkhead TNC connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's TNC female bulkhead connector FMCN1879 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		6	GHz

Mechanical Specifications

Size	
Length	0.99 in [25.15 mm]
Width/Dia.	0.69 in [17.53 mm]
Height	0.5 in [12.7 mm]
Weight	0.0355 lbs [16.1 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel
Insulation	PTFE	
Body	Brass	Nickel

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

Plotted and Other Data

Notes:



Configuration:

- TNC Female Connector
- 50 Ohms
- Straight Body Geometry
- FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 Interface Type
- Solder/Solder Attachment
- Bulkhead

Features:

- Operating Frequency of 6 GHz Max.
- Gold over Nickel Plated Beryllium Copper Contact

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

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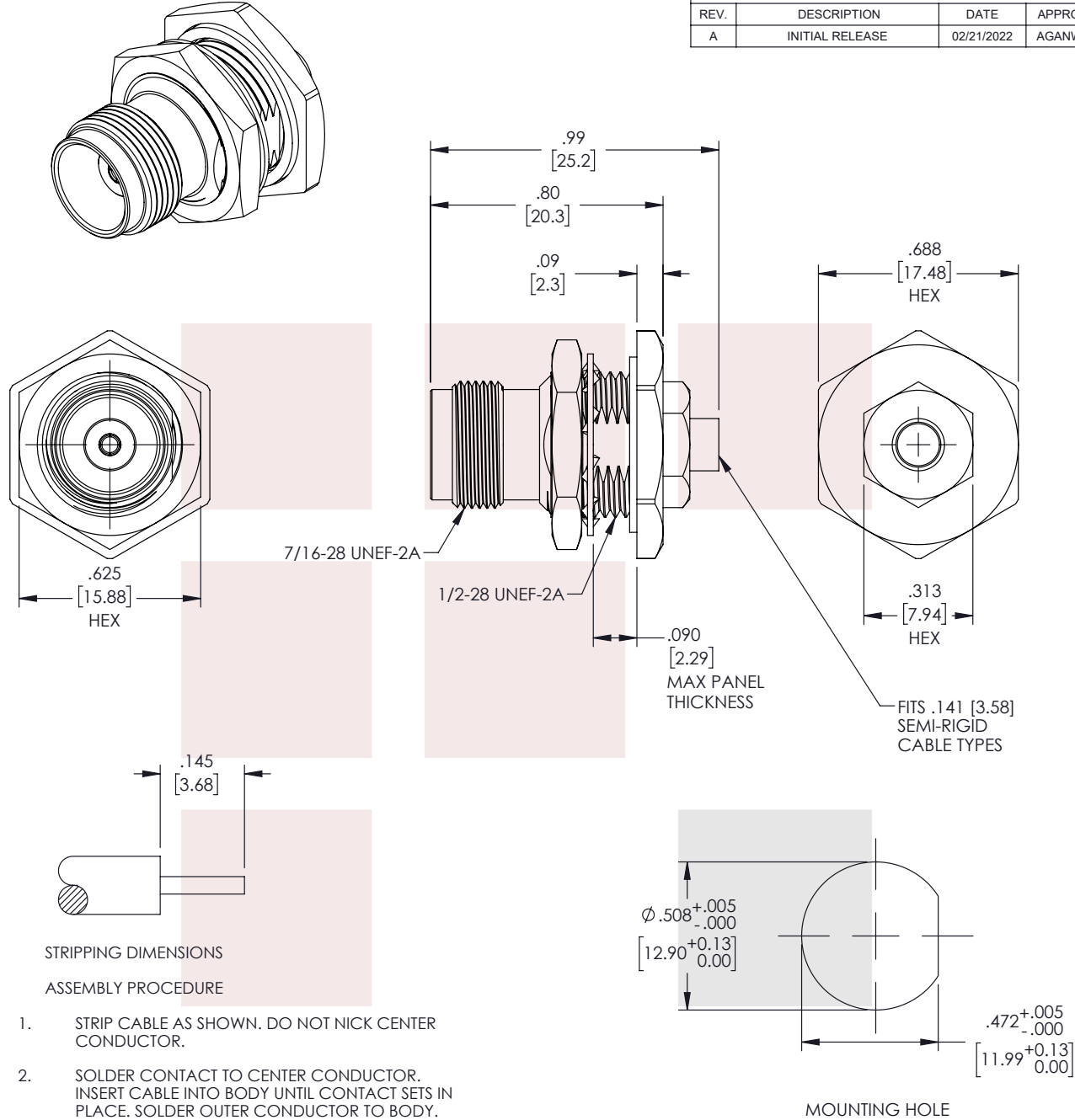
TNC Female Bulkhead Mount Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Female Bulkhead Mount Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402 FMCN1879](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-fm-sr141altn-fm-sr141tb-fm-sr141tbj-fm-sr141cutn-rg402-connector-fmcn1879-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/21/2022	AGANWANI

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TITLE

TNC Female Bulkhead Mount Connector Solder Attachment for FM-SR141ALTN, FM-SR141TB, FM-SR141TBJ, FM-SR141CUTN, RG402

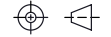
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0	
.XX = ±.02 [51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
.XXX = ±.005 [13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0	
		300 [7620] < L = +5%L / -0	

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	A.KRESOWSKI	FMCN1879	A

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE N/A

T-Rev D

.141 Semi-rigid Formable Coax Cable Jacket

Formable semi-rigid coax is a hand formable version of standard semi-rigid that does not require complicated and costly preformed cable assemblies. Because the dimensions and electrical characteristics are so closely matched to semi-rigid coax, standard semi-rigid connectors can be used. The tin soaked copper braid outer shield provides excellent RF shielding.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		20	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Shielding Effectiveness	110			dB
Inner Conductor DC Resist.			7.8	Ohms/1000ft
Outer Conductor DC Resist.			5.5	Ohms/1000ft
Nominal Capacitance		29		pF/ft
		[95.14]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	5	10	20	GHz
Attenuation, Typ	8	12	29	45	70	dB/100ft
	26.25	39.37	95.14	147.64	229.66	dB/100m

Mechanical Specifications

Min. Bend Radius (Repeated) 0.625 in [15.88 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 1 Strands	0.037 in [0.94 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.119 in [3.02 mm]
First Shield	Tinned Copper Braid 100% coverage	0.141 in [3.58 mm]
Jacket	Silver	

Environmental Specifications

Temperature

Operating Range -55 to 125 deg C



Configuration:

- Formable Cable
- 1 Shield(s)

Features:

- Dimensionally the same as standard solid outer conductor semi-rigid coax
- Standard semi-rigid connectors can be used
- Cable is hand formable and does not require special tools to bend
- Connectors are easily soldered to Tin soaked outer conductor
- Cable can be formed more than once without damage to outer conductor
- High RF Shielding >100 dB

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

Plotted and Other Data

Notes:

.141 Semi-rigid Formable Coax Cable Jacket 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: [.141 Semi-rigid Formable Coax Cable Jacket FM-SR141TB](#)

URL: <https://www.fairviewmicrowave.com/invalid-alias-formable-coax-cable-fm-sr141tb-p.aspx>

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REV 1.1 Page 3 of 3