

RA SSMB Plug Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5250

Configuration

- SSMB Plug Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG174, RG179, RG316, RG188, .100 inch, LMR-100

Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA SSMB Plug Standard Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch and LMR-100 Cable, part number FMCN5250, from Fairview Microwave is in-stock and ships same day. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SSMB plug connector FMCN5250 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	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.44 in [11.18 mm]
Width	0.18 in [4.57 mm]
Height	0.48 in [12.19 mm]
Weight	0.005 lbs [2.27 g]

Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

RA SSMB Plug Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5250

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

RA SSMB Plug Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch, LMR-100 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.

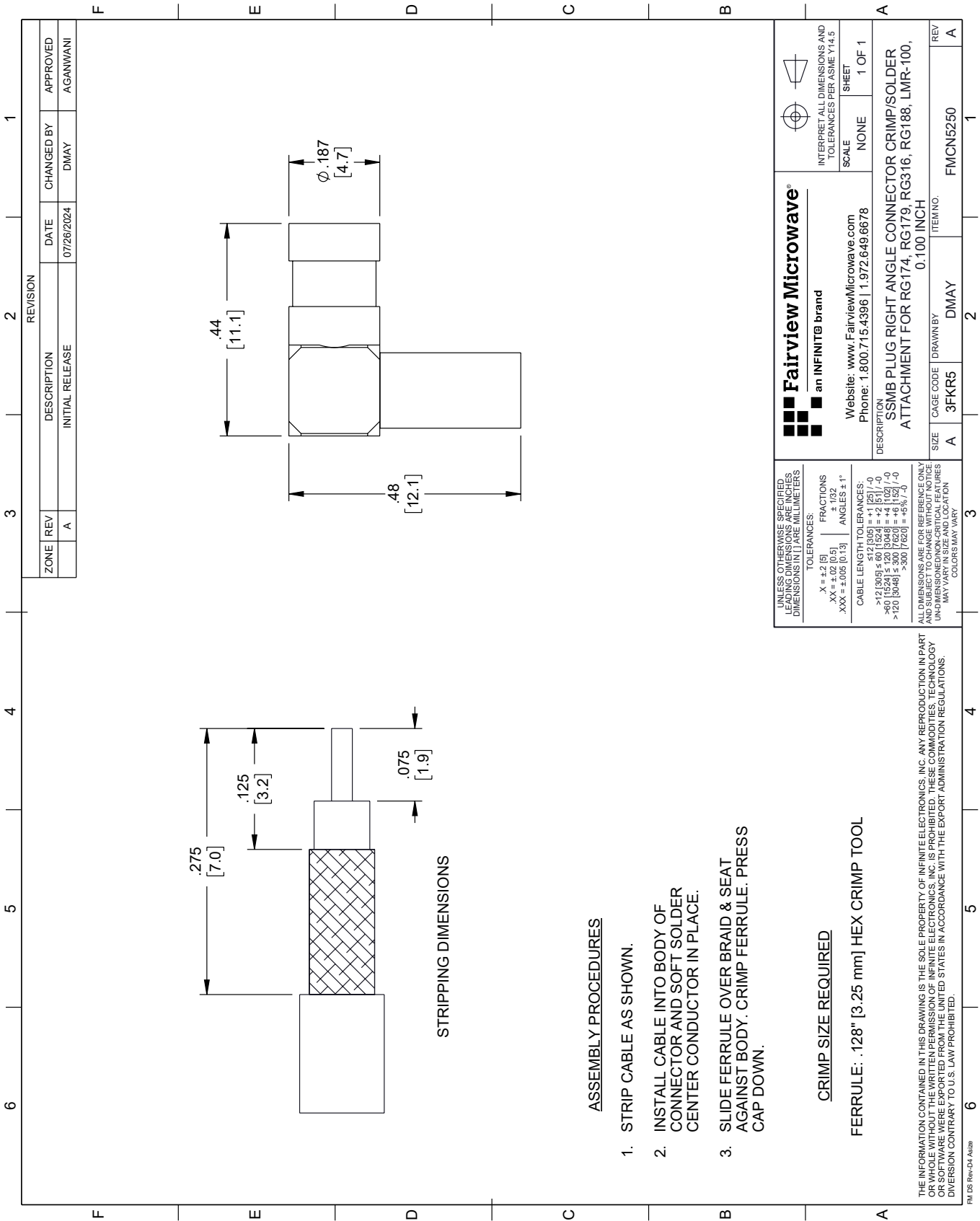
For additional information on this product, please click the following link: [RA SSMB Plug Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch, LMR-100 Cable FMCN5250](#)

URL: <https://www.fairviewmicrowave.com/ssmb-plug-rg174-rg179-rg316-rg188-.100-lmr-100-connector-fmcn5250-p.aspx>

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FMCN5250 CAD Drawing

RA SSMB Plug Connector Crimp/Solder Attachment for RG174, RG179, RG316, RG188, .100 inch, LMR-100 Cable



MCX Plug Connector Crimp/Solder Attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable

MCX plug connector with crimp/solder attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A and LMR-100A-FR, part number SC9413A, from Fairview Microwave is in-stock and ships same day. This MCX plug connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.35:1.

Fairview's MCX plug connector SC9413A 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		3	GHz
VSWR			1.35:1	
Operating Voltage (AC)			250	Vrms

Mechanical Specifications

Size	
Length	0.62222 in [15.8 mm]
Width/Dia.	0.217 in [5.51 mm]
Weight	0.009 lbs [4.08 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum

Environmental Specifications

Temperature	
Operating Range	-55 to +155 deg C

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

Plotted and Other Data

Notes:



Configuration:

- MCX Plug Connector
- CECC 22220
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 3 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

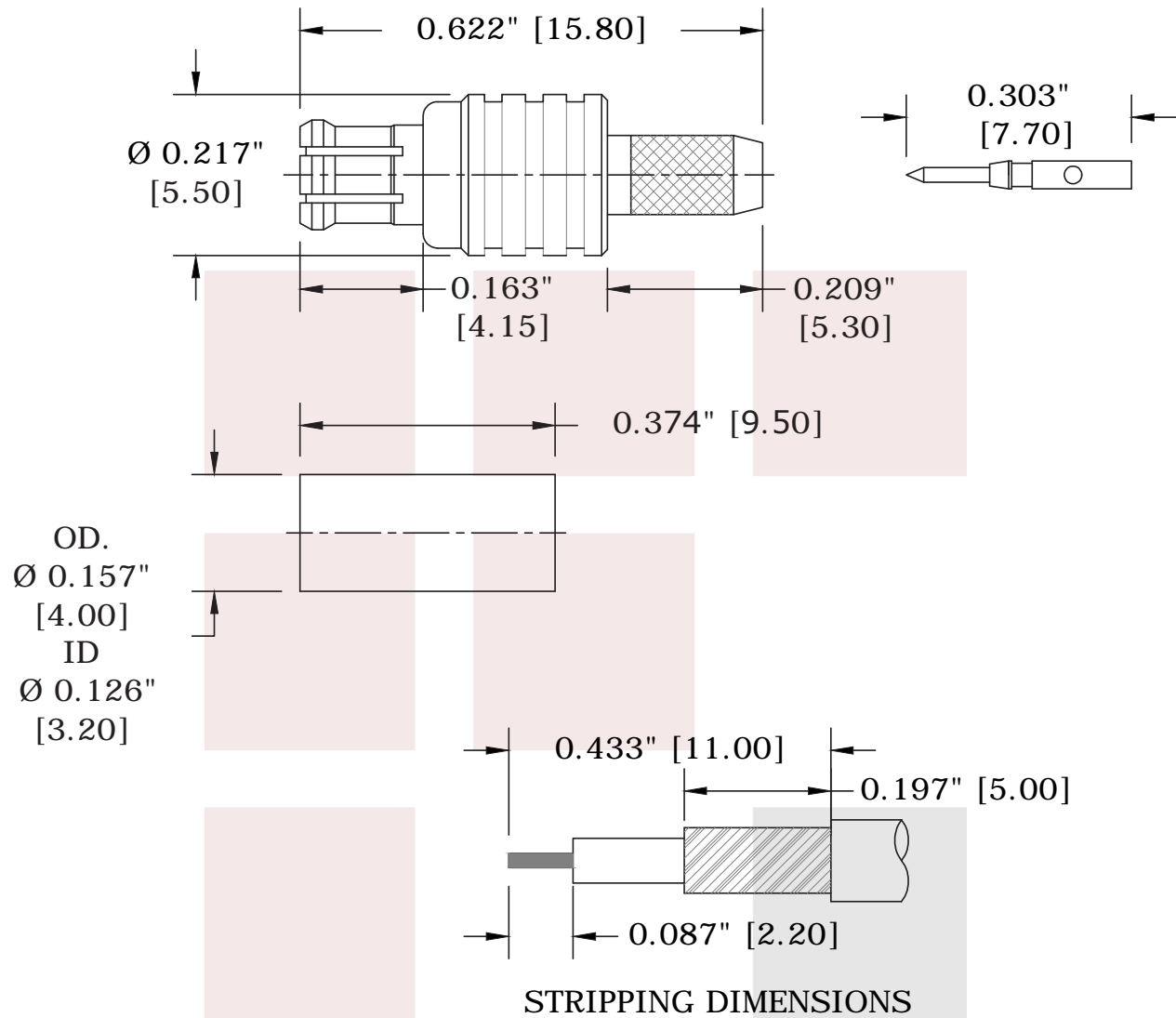
MCX Plug Connector Crimp/Solder Attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [MCX Plug Connector Crimp/Solder Attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable SC9413A](#)

URL: <https://www.fairviewmicrowave.com/mcx-plug-rg-316-rg-174-connector-sc9413a-p.aspx>

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TITLE MCX Plug Connector Crimp/Solder Attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable		DWG NO SC9413A			CAGE CODE 3FKR5	
		CAD FILE 011415	SHEET		SCALE N/A	SIZE A

RG174 Flexible Coax Cable Black PVC Jacket

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		31.08		pF/ft
		[101.97]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Typ	8.4	27.56	32			dB/100ft
	27.56	90.42	104.99			dB/100m

Mechanical Specifications

Diameter	0.11 in [2.79 mm]
Weight	0.009 lbs/ft [0.01 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 7 Strands	0.019 in [0.48 mm]
Conductor Type	Stranded	
Dielectric	PE	0.06 in [1.52 mm]
First Shield	Tinned Copper Braid	0.078 in [1.98 mm]
Jacket	PVC, Black	0.11 in [2.79 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 1 Shield(s)

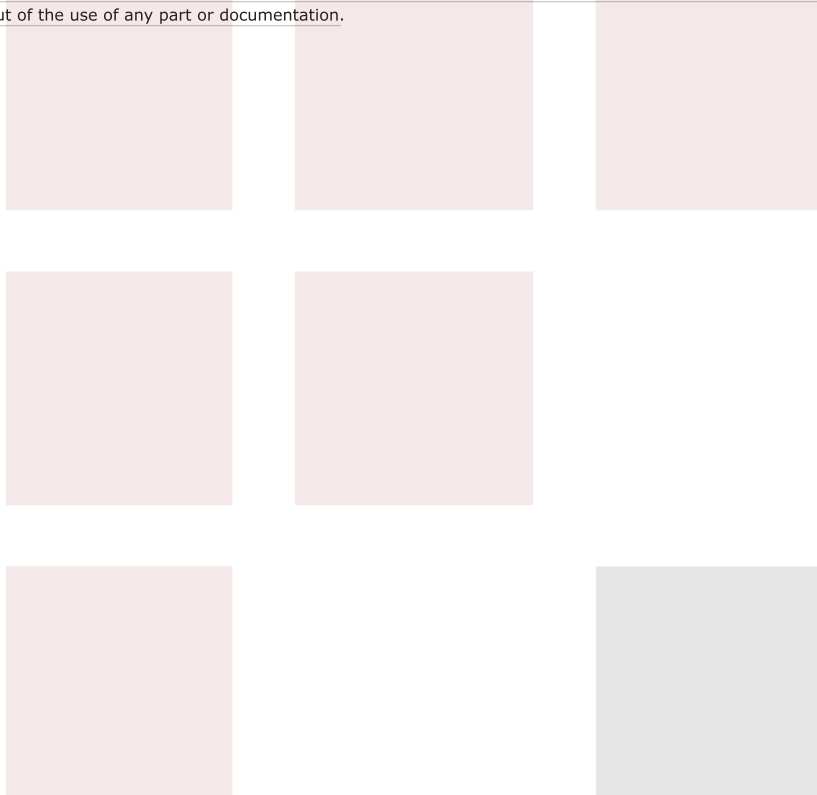
Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

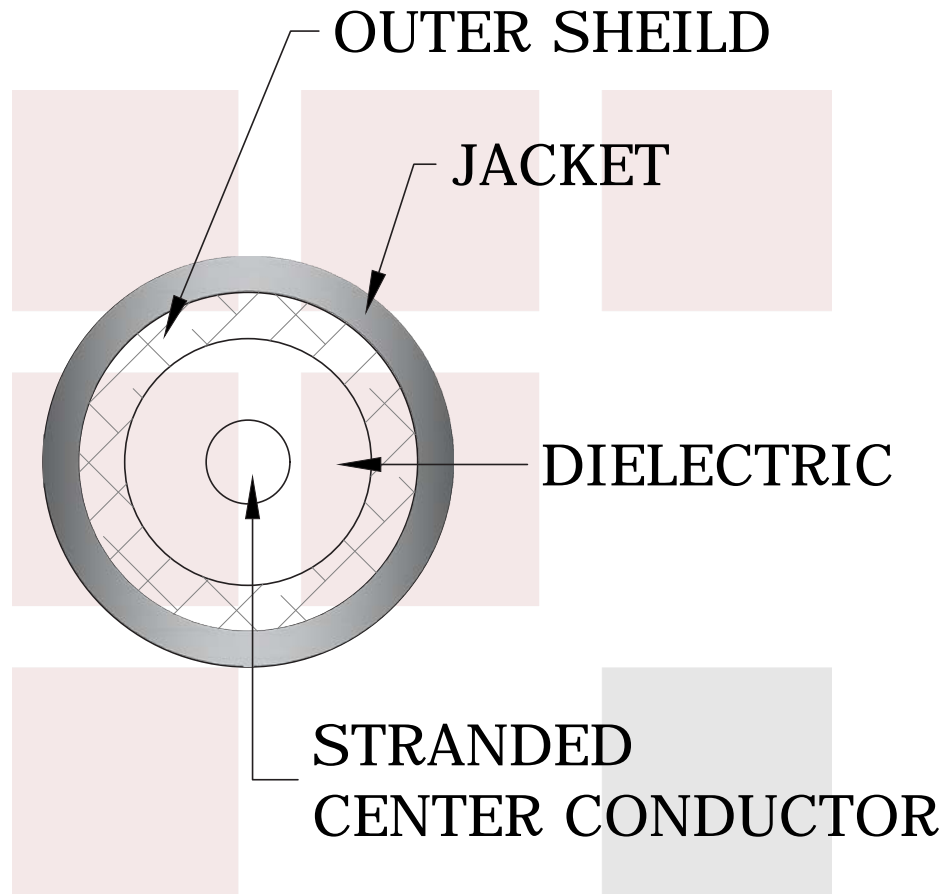
RG174 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG174 Flexible Coax Cable Black PVC Jacket RG174](#)

URL: <https://www.fairviewmicrowave.com/rg174-flexible-coax-cable-pvc-jacket-rg174-p.aspx>

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TITLE RG174 Flexible Coax Cable Black PVC Jacket	DWG NO RG174		CAGE CODE 3FKR5		
	CAD FILE 120315	SHEET	SCALE N/A	SIZE A	5568