

## 75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/ Crimp Attachment for RG59

75 Ohm 1.0/2.3 plug push-on connector with crimp/crimp attachment for RG59, part number FMCN1824, from Fairview Microwave is in-stock and ships same day. This 1.0/2.3 plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1.

Fairview's 75 ohm 1.0/2.3 plug connector FMCN1824 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            |     |     | 1.15:1 |       |

### Mechanical Specifications

|             |                    |
|-------------|--------------------|
| <b>Size</b> |                    |
| Length      | 1.15 in [29.21 mm] |
| Width/Dia.  | 0.307 in [7.80 mm] |
| Height      | 0.297 in [7.54 mm] |
| Weight      | 0.017 lbs [7.71 g] |

### Material Specifications

| Description  | Material | Plating |
|--------------|----------|---------|
| Contact      | Brass    | Gold    |
| Insulation   | PTFE     |         |
| Body         | Brass    | Nickel  |
| Coupling Nut | Brass    | Nickel  |
| Crimp Sleeve | Brass    | Nickel  |

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 deg C

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

### Plotted and Other Data

Notes:



### Configuration:

- Push-On 1.0/2.3 Plug Connector
- 75 Ohms
- Straight Body Geometry
- RG59 Interface Type
- Crimp/Crimp Attachment

### Features:

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact

### Applications:

- General Purpose Test
- Custom Cable Assemblies

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75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59 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.

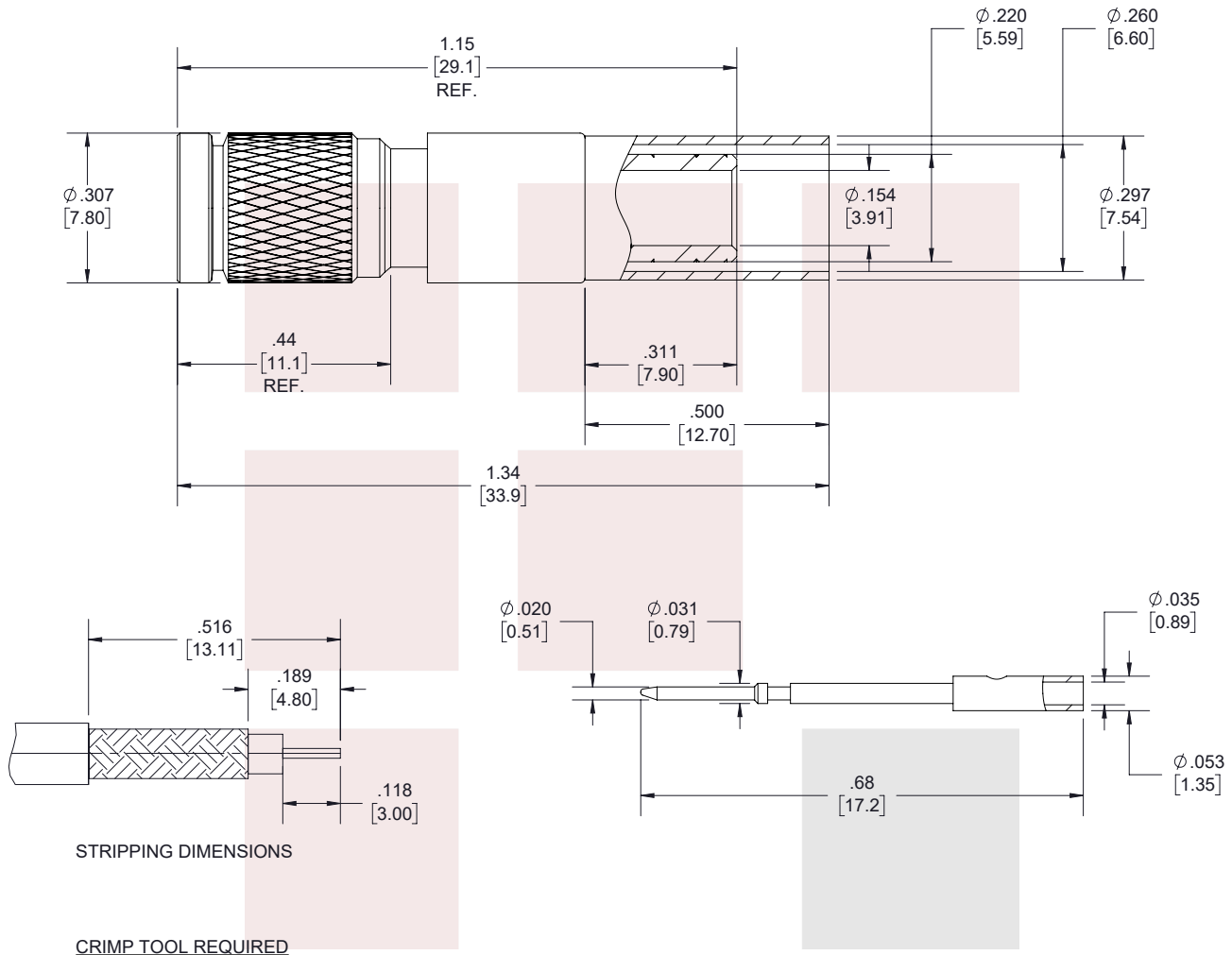
For additional information on this product, please click the following link: [75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59 FMCN1824](#)

URL: <https://www.fairviewmicrowave.com/1.0-2.3-plug-push-on-rg59-connector-fmcn1824-p.aspx>

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| REVISIONS |                 |            |           |
|-----------|-----------------|------------|-----------|
| REV.      | DESCRIPTION     | DATE       | APPROVED  |
| A         | INITIAL RELEASE | 02/11/2022 | A.GANWANI |



CONTACT: .043" [1.09] HEX CRIMP TOOL.  
FERRULE: .255" [6.48] HEX CRIMP TOOL.

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TITLE

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59

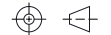
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

|                      |                  |   |
|----------------------|------------------|---|
| .X = ±.02 [ .51 ]    | FRACTIONS ± 1/32 | L ≤ 12 [305] = +1 [25] / -0                 |
| .XX = ±.02 [ .51 ]   | ANGLES ± 1°      | 12 [305] < L ≤ 60 [1524] = +2 [51] / -0     |
| .XXX = ±.005 [ .13 ] |                  | 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.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

SCALE N/A

| SIZE | CAGE CODE | DRAWN BY  | ITEM NO. | REV |
|------|-----------|-----------|----------|-----|
| A    | 3FKR5     | K.GLEBOVA | FMCN1824 | A   |

T-Rev.D