

FAKRA Jack Right Angle Connector Crimp/
Solder Attachment for RG174, RG316, RG188,
.100 inch, LMR-100, Bordeaux Color



LCCN44648D

Configuration

- FAKRA Jack Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG174, RG316, RG188, .100 inch, LMR-100

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.5:1
- Gold Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

L-com's LCCN44648D FAKRA jack right angle connector with crimp/solder attachment for RG174, RG316, RG188, .100 inch, LMR-100 is part of our full line of RF components available for same-day shipping. Our FAKRA jack connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces.

Our FAKRA jack right angle connector LCCN44648D datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, L-com has the right connector for the job. L-com can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.878 in [22.3 mm]
Width	0.37 in [9.40 mm]
Weight	0.014 lbs [6.35 g]

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Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Plastic	

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

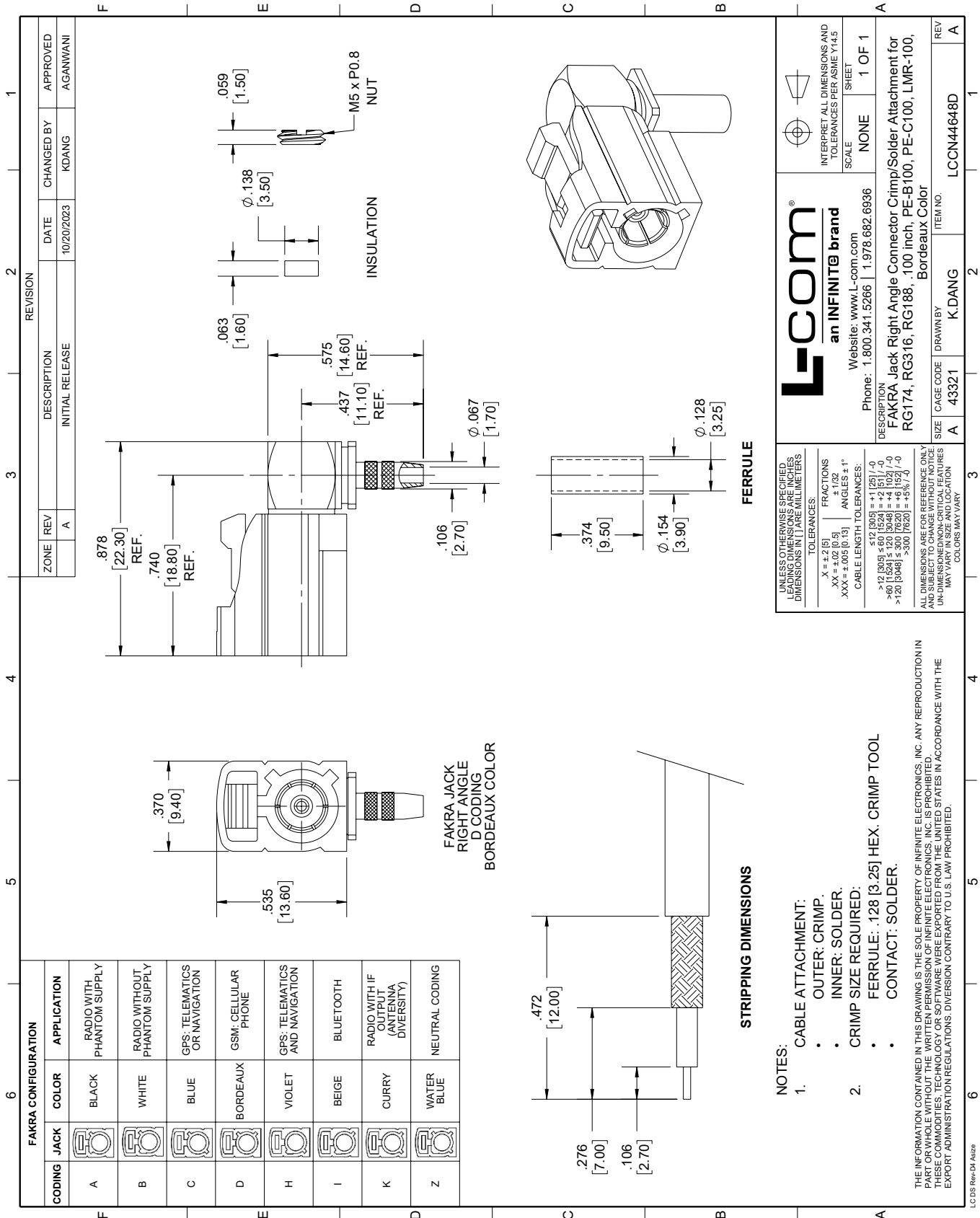
FAKRA Jack Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, Bordeaux Color from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/fakra-jack-standard-rg174-rg316-connector-lccn44648d-p.aspx>

The information contained within 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. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

LCCN44648D CAD Drawing

FAKRA Jack Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, Bordeaux Color



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/20/2023	KDANG	AGANWANI

FAKRA CONFIGURATION	
CODING	JACK COLOR APPLICATION
A	BLACK RADIO WITH PHANTOM SUPPLY
B	WHITE RADIO WITHOUT PHANTOM SUPPLY
C	BLUE GFS, TELEMATICS OR NAVIGATION
D	BORDEAUX GSM; CELLULAR PHONE
H	VIOLET GPS, TELEMATICS AND NAVIGATION
I	BEIGE BLUETOOTH
K	CURRY RADIO WITH IF OUTPUT (ANTENNA DIVERSITY)
Z	WATER BLUE NEUTRAL CODING

L-com
an INFINITE brand

Website: www.L-com.com

Phone: 1.800.341.5266 | 1.978.682.6936

DESCRIPTION
FAKRA Jack Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, PE-B100, PE-C100, LMR-100, Bordeaux Color

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

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DESCRIPTION
FAKRA Jack Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, PE-B100, PE-C100, LMR-100, Bordeaux Color

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.

TOLERANCES:
X = ± 2 (5) FRACTIONS ± 1/32
XX = ± 0.02 (0.5) ANGLES ± 1°
XXX = ± 0.005 (0.13)

CABLE LENGTH TOLERANCES:
≤ 12 (305) ± 0.60 (15.24) = ± 2 (51) / -0
> 60 (1524) ≤ 120 (3048) = ± 4 (102) / -0
> 120 (3048) ≤ 300 (7620) = ± 6 (152) / -0
> 300 (7620) = ± 8% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

REV A

ITEM NO. LCCN44648D

SIZE A

CAGE CODE 43321

DRAWN BY K.DANG