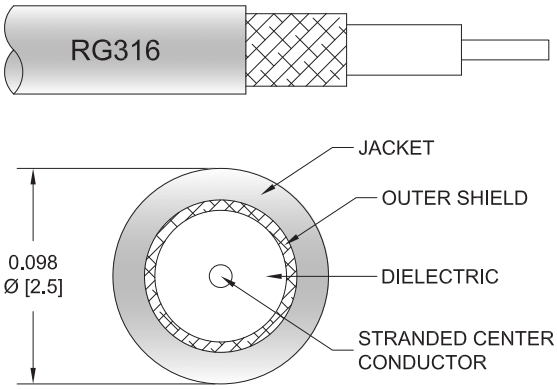
MCX Plug to MCX Jack using RG316 Coax Cable in 24 Inches



FMCA9845-24

Configuration

- Connector 1: MCX Plug
- Connector 2: MCX Jack
- Cable Type: RG316



Features

- Max Frequency 3 GHz
- 69% Phase Velocity
- VSWR of 1.4:1

Applications

- General Purpose
- Laboratory Use
- Military
- Aerospace
- Wireless Communications
- General Purpose Test

Description

The MCX plug to MCX jack 24 inch cable using RG316, part number FMCA9845-24, from Fairview Microwave is in-stock and ships same day. This Fairview MCX to MCX cable assembly has a plug to jack gender configuration with 50 ohm RG316. The FMCA9845-24 MCX plug to MCX jack cable assembly operates to 3 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Velocity of Propagation		69		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.42	0.52	0.68	0.96	1.36	dB

Electrical Specification Notes:
Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector

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Mechanical Specifications

Cable Assembly

Length	24 in [609.6 mm]
Width/Diameter	0.5 in [12.7 mm]
Weight	0.072 lbs [32.66 g]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

Connectors

Description	Connector 1	Connector 2
Type	MCX Plug	MCX Jack
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Bronze, Gold over Copper	Beryllium Copper, Gold over Copper
Body Material and Plating	Bronze, Copper-Tin-Zinc Alloy	Bronze, Copper-Tin-Zinc Alloy

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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Typical Performance Data

How to Order

Part Number Configuration: **FMCA9845 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- FMCA9845 — Base Number

Example: FMCA9845-12 = 12 inches long cable
FMCA9845-100cm = 100 cm long cable

MCX Plug to MCX Jack using RG316 Coax Cable in 24 Inches 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: MCX Plug to MCX Jack using RG316 Coax Cable in 24 Inches FMCA9845-24

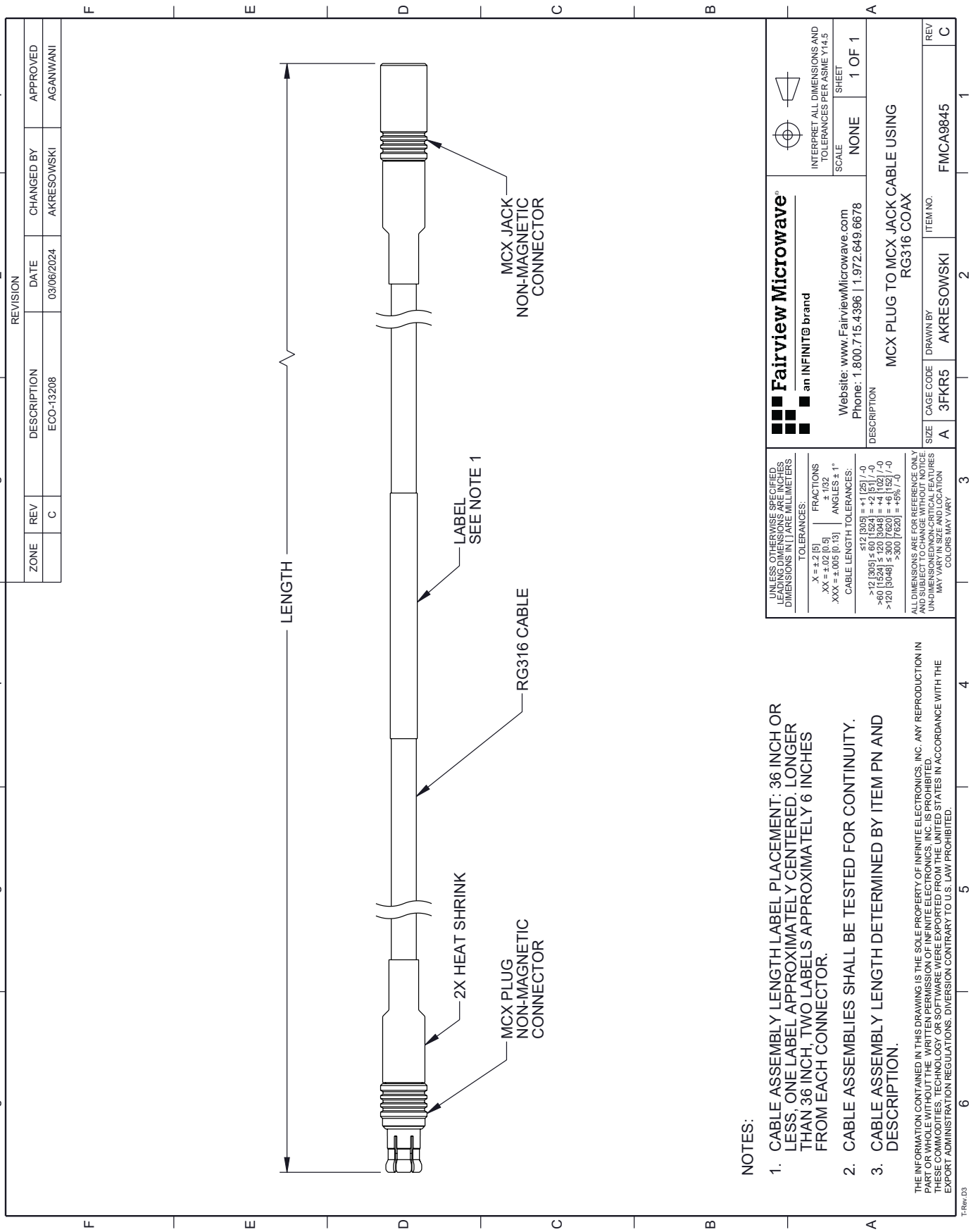
URL: https://www.fairviewmicrowave.com/non-magnetic-mcx-plug-to-mcx-jack-cable-rg316-coax-in-24-inch-fmca9845-24-p.aspx

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FMCA9845-24 CAD Drawing

MCX Plug to MCX Jack using RG316 Coax Cable in 24 Inches



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