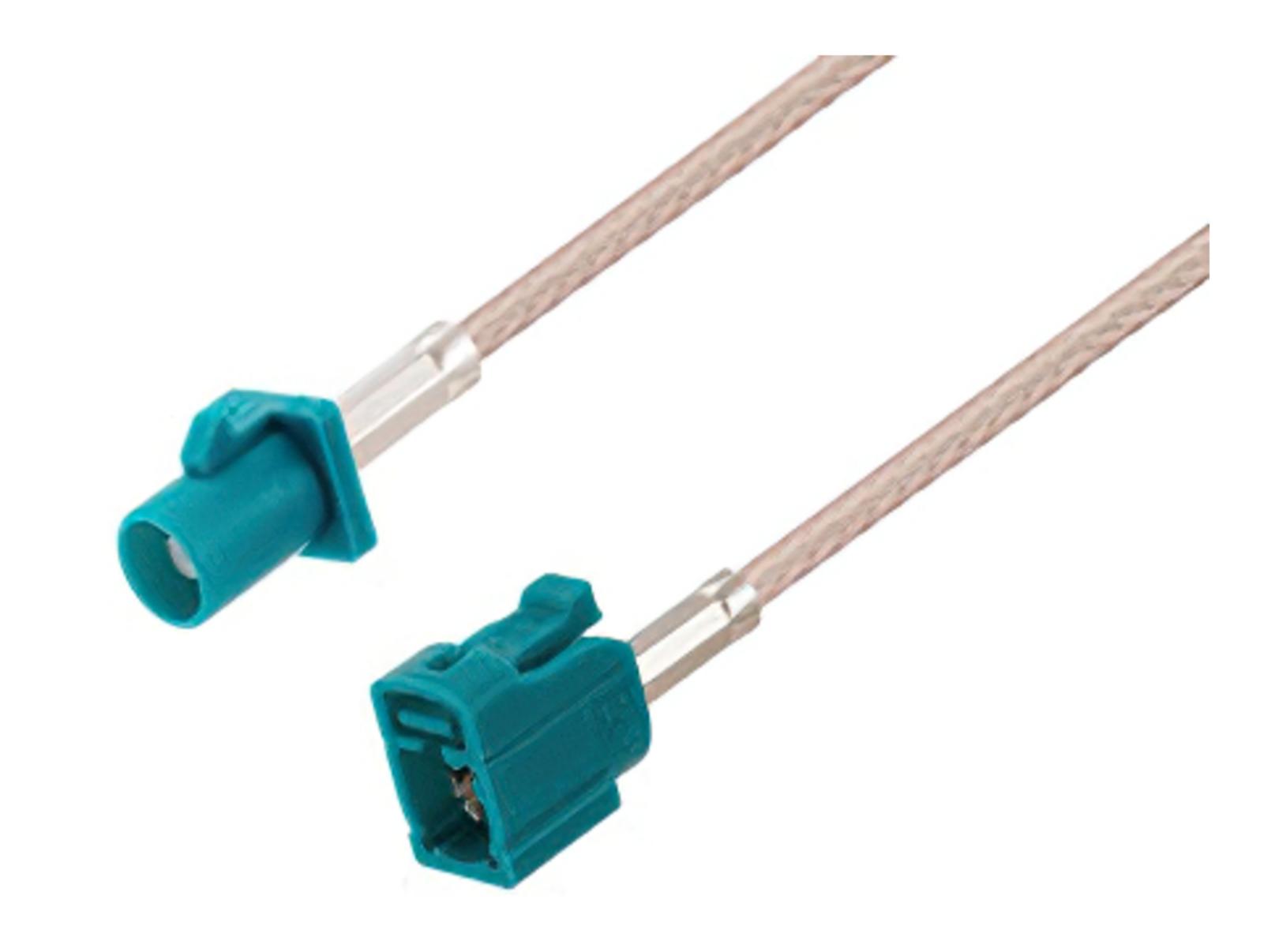


Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Usin g ET38399 Coax



RF Cable Assemblies Technical Data Sheet

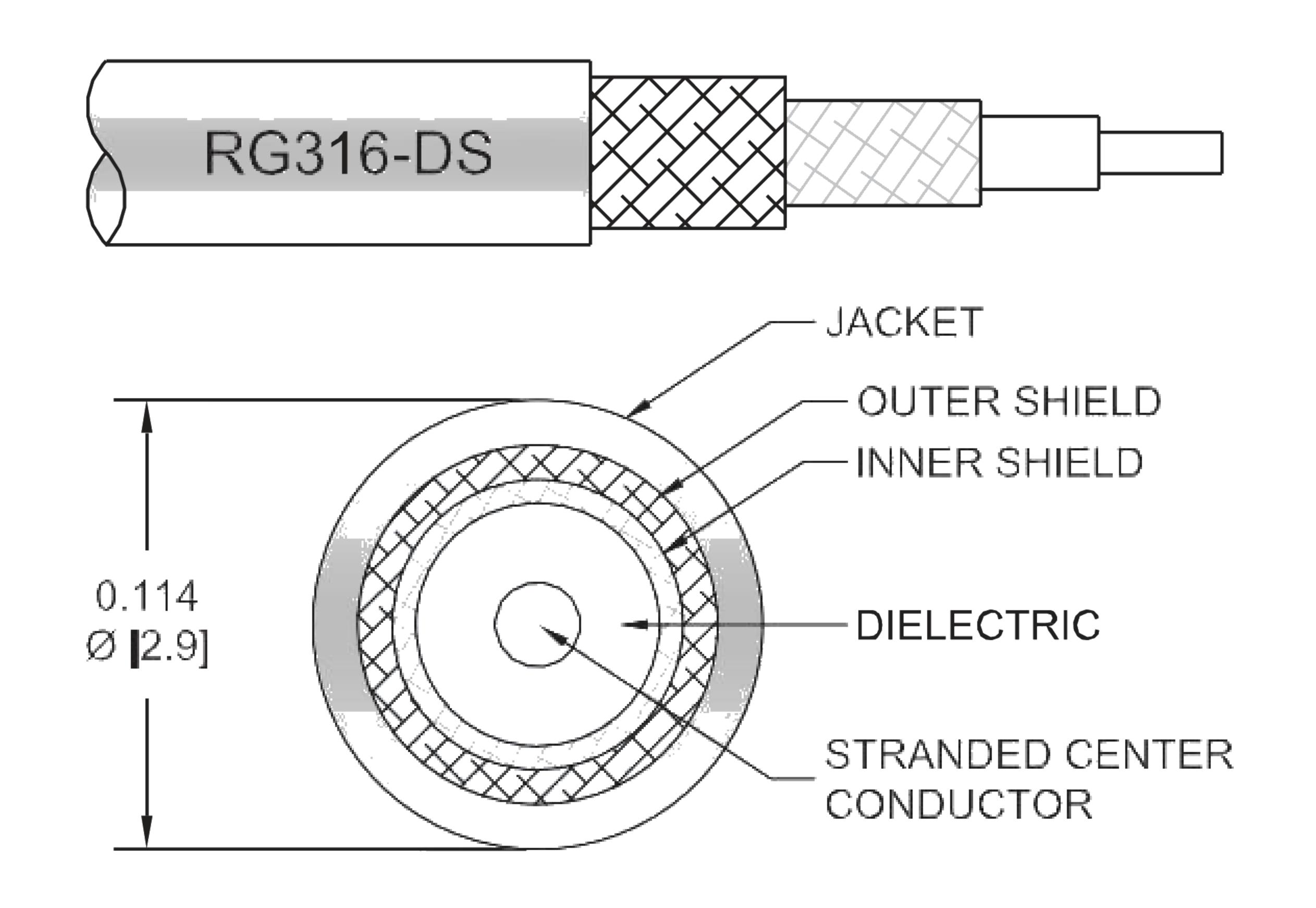
ET22278

Configuration

Connector 1: FAKRA Plug
Connector 2: FAKRA Jack
Cable Type: ET38399

Features

- Max Frequency 3 GHz
- 70% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET22278 water blue FAKRA plug to FAKRA jack 150 cm cable using ET38399 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock FAKRA to FAKRA cable assembly has a plug to jack gender con- figuration with 50 ohm flexible ET38399 coax. The ET22278 FAKRA plug to FAKRA jack cable assembly operates to 3 GHz. The double shielding of this Ebeestock cable assembly provides excellent shielding effectiveness.

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 available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Using ET38399 Coax ET22278

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Usin g ET38399 Coax



RF Cable Assemblies Technical Data Sheet

ET22278

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Velocity of Propagation		70		%
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 (Max.)	0.79	0.89	1.04	1.68	2.71	dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. Insertion Loss is estimated as 0.1 dB per connector.

Mechanical Specifications

Cable Assembly

Length* 59.05 in [149.99 cm]
Diameter 0.37 in [9.4 mm]

Cable

Cable Type
Impedance
Inner Conductor Type

ET38399
50 Ohms
Stranded

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type

Number of Shields

2

Shield Layer 1
Silver Plated Copper Braid
Silver Plated Copper Braid

Jacket Material FEP, Tan

Jacket Diameter 0.114 in [2.9 mm]

Repeated Minimum Bend Radius 0.6 in [15.24 mm]

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Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Usin g ET38399 Coax



RF Cable Assemblies Technical Data Sheet

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Connectors

Description	Connector 1	Connector 2	
Type	FAKRA Plug	FAKRA Jack	
Impedance	50 Ohms	50 Ohms	
Configuration	Straight	Straight	
Contact Material and Plating	Phosphor Bronze, Gold	Phosphor Bronze, Gold	
Dielectric Type	PTFE	Teflon	
Outer Conductor Material and Plating	Brass, Nickel	Brass, Nickel	
Body Material and Plating	Plastic	Plastic, Paint	

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Using ET38399 Coax ET22278

www.ebeestock.com



Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Usin g ET38399 Coax



RF Cable Assemblies Technical Data Sheet

ET22278

How to Order

Part Number Configuration:

ET3C6042
- xx uu

——Unit of Measure:

cm = Centimeters

Length

Base Number

Example: ET3C6042-12 = 12 inches long cable

ET3C6042-100cm = 100 cm long cable


Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Using ET38399 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Water Blue FAKRA Plug to FAKRA Jack Cable 150 cm Length Using ET38399 Coax ET22278

URL: https://www.ebeestock.com/water-blue-fakra-plug-to-fakra-jack-cable-12-inch-length-using-r g316-ds-coax-0022271

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

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