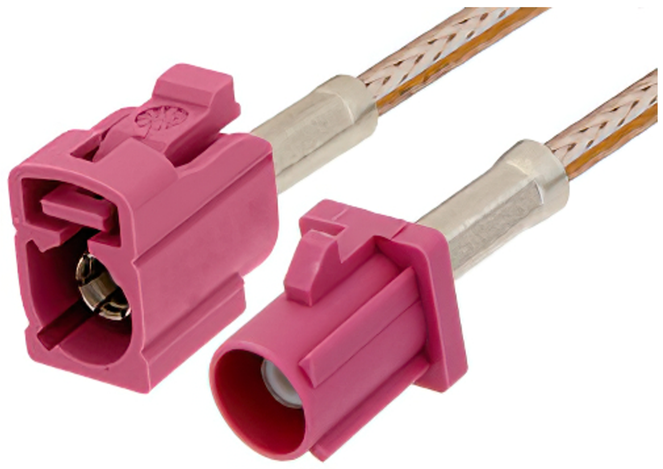
Violet FAKRA Plug to FAKRA Jack Cable 12 Inch Length Using E T-RG316 Coax



RF Cable Assemblies Technical Data Sheet ET22194

Configuration

- Connector 1: FAKRA Plug
- Connector 2: FAKRA Jack
- Cable Type: ET-RG316

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Capacitance		32 [104.99]		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.)	0.31	0.36	0.438	0.58	0.78	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

Length*	12 in [304.8 mm]
Diameter	0.37 in [9.4 mm]
Weight	0.027 lbs [12.25 g]

Cable

Cable Type	ET-RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Violet FAKRA Plug to FAKRA Jack Cable 12 Inch Length Using ET-RG316 Coax ET22194

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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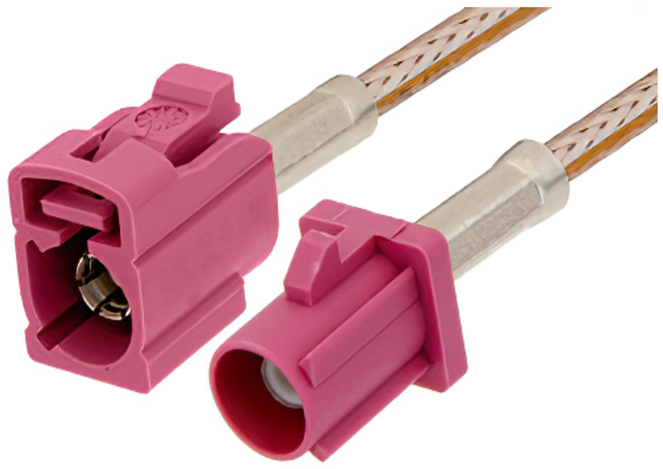

RF Cable Assemblies Technical Data Sheet ET22194

Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

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	Teflon	Teflon
Outer Conductor Material and Plating	Brass, Nickel	Brass, Nickel
Body Material and Plating	Plastic	Plastic

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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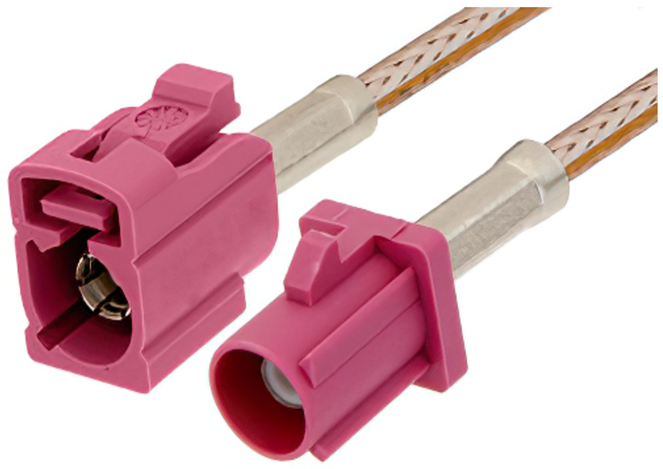

RF Cable Assemblies Technical Data Sheet ET22194

How to Order

Part Number Configuration: **ET38756H - xx uu**

- ET38756H: Base Number
- xx: Length
- uu: Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

Example: ET22194 = 12 inches long cable
ET38756H-100cm = 100 cm long cable

Violet FAKRA Plug to FAKRA Jack Cable 12 Inch Length Using ET-RG316 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: Violet FAKRA Plug to FAKRA Jack Cable 12 Inch Length Using ET-RG316 Coax ET22194

URL: https://www.ebeestock.com/violet-fakra-plug-to-fakra-jack-cable-12-inch-length-using-rg316-coax-0022194

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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ET22194 CAD Drawing

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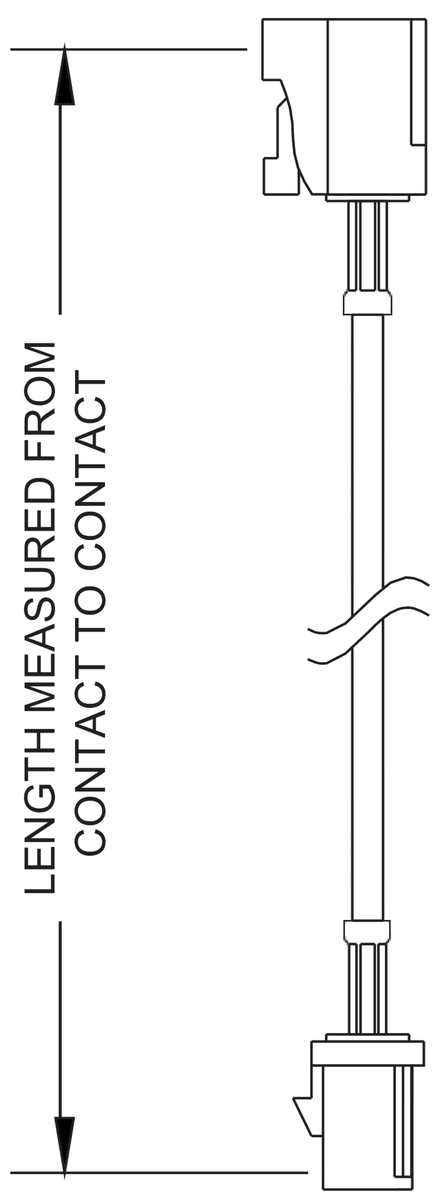

RG316/U

FAKRA JACK

VIOLET FAKRA
PLUG

How To Order

Part Number Configuration

PE3 [/ / /] [yy] - [xx] [uu]

00 - 99999

LF = RoHS Compliant
< Blank > = Standard

CM = Centimeters
< Blank > = Inches

Length

Note: LF applies only to RF cables

Examples
PE3000LF-100
PE3000-100
PE3000LF-100CM
PE3000-100CM

Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
-12	12"	-25CM	25Cm
-24	24"	-50CM	50Cm
-36	36"	-75CM	75Cm
-48	48"	-100CM	100Cm
-60	60"	-125CM	125Cm
-xx	Custom Length	-xxCM	Custom Length

DWG TITLE

PE38756H

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

SIZE A | SCALE N/A | CAD FILE 41613

FSCM NO. 53919

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