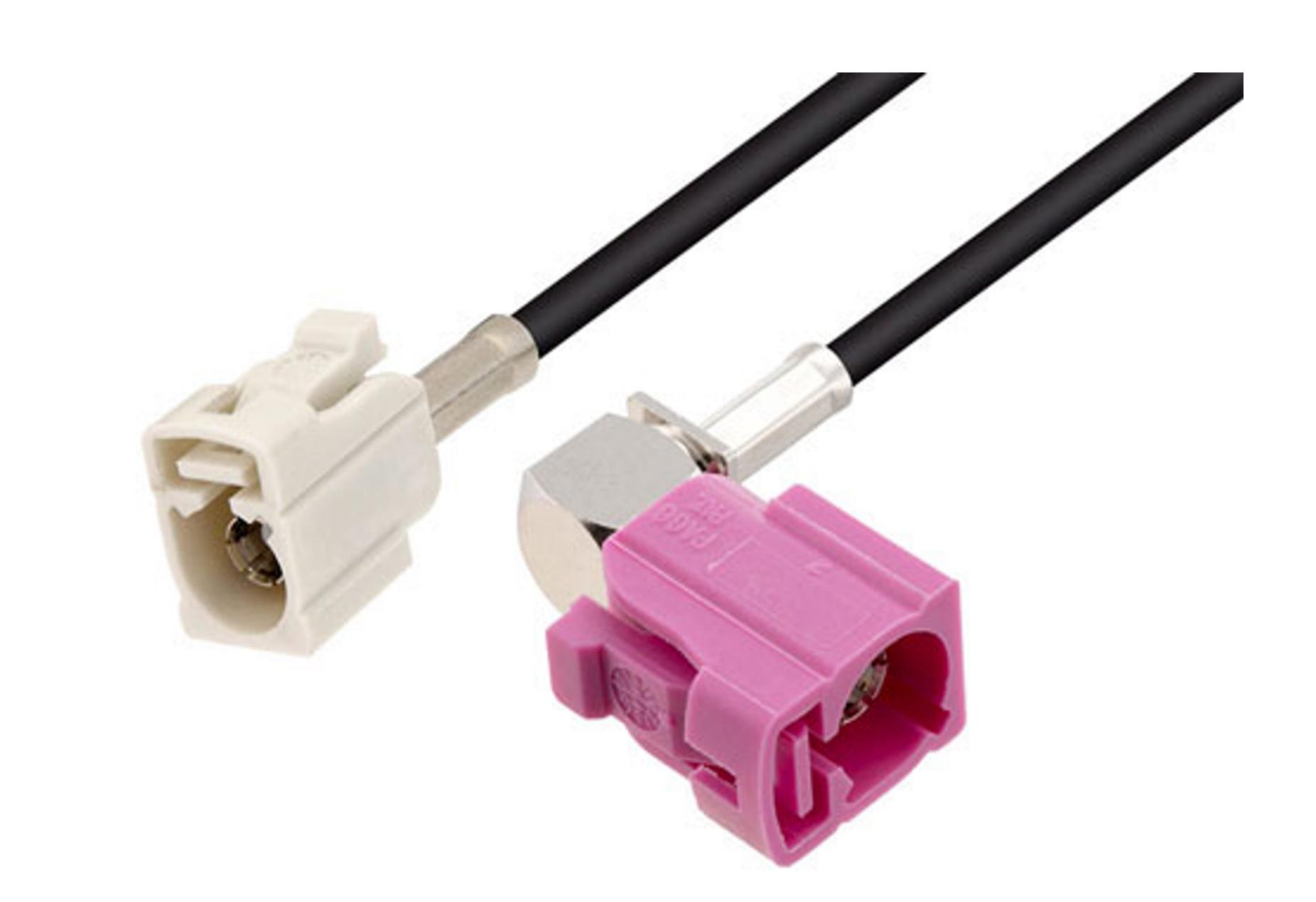


White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-ET-RG174 Coax In 100 CM Length



RF Cable Assemblies Technical Data Sheet

ET22286

Configuration

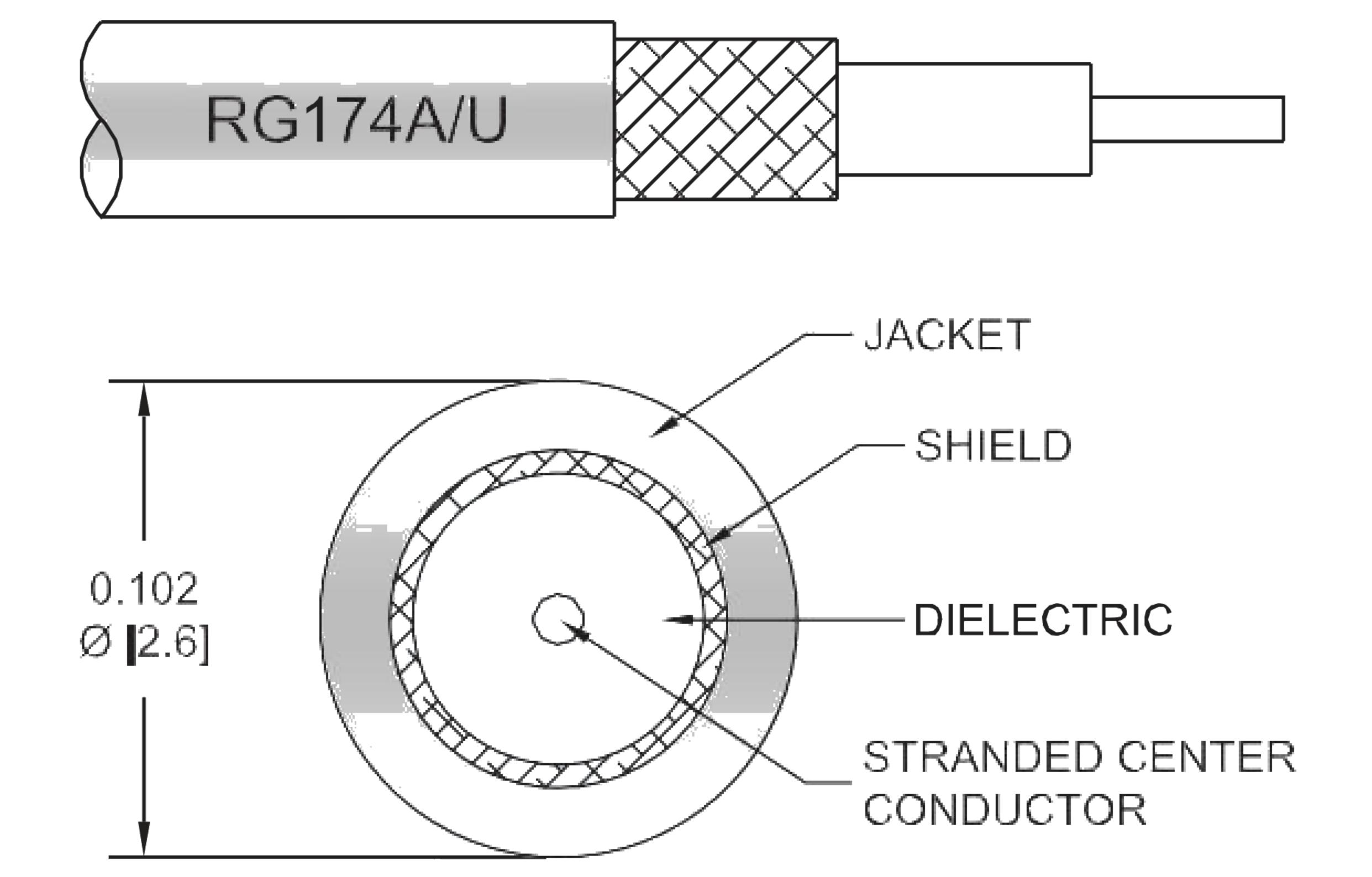
Connector 1: FAKRA Jack

Connector 2: FAKRA Jack Right Angle

Cable Type: ET-RG174

Features

- Max Frequency 1 GHz
- 66% Phase Velocity
- PVC Jacket



Applications

General Purpose

Laboratory Use

Description

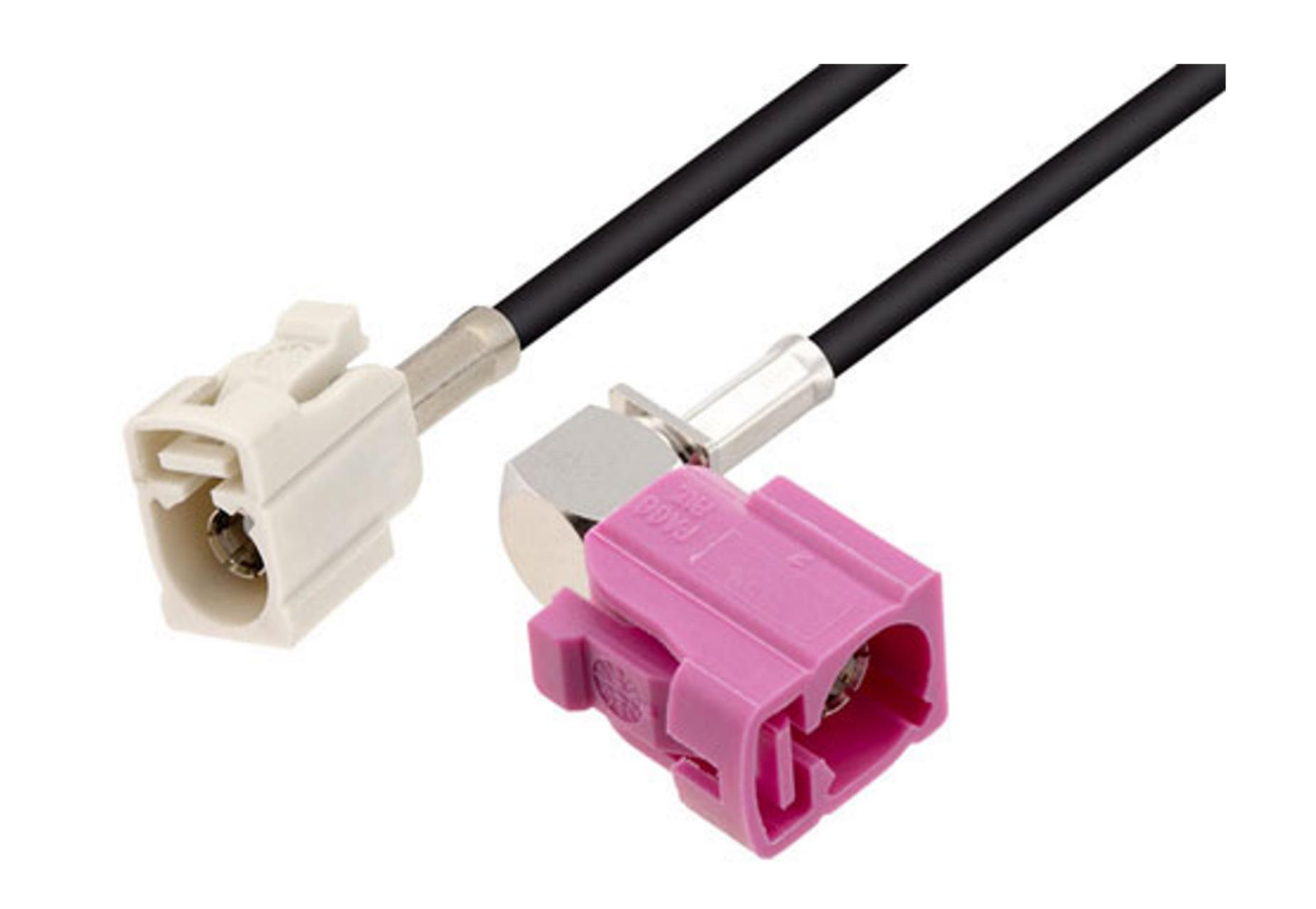
Ebeestock's ET22286 white FAKRA jack to FAKRA jack right angle 100 cm cable using ET-RG174 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock FAKRA to FAKRA cable assembly has a jack to jack gender configuration with 50 ohm flexible ET-RG174 coax. The ET22286 FAKRA jack to FAKRA jack cable assembly operates to 1 GHz. The right angle FAKRA interface on the ET-RG174 cable allows for easier connections in tight spaces.

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: White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-RG174 Coax In 100 CM Length ET22286



White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-ET -RG174 Coax In 100 CM Length



RF Cable Assemblies Technical Data Sheet

ET22286

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		31.08 [101.97]		pF/ft [pF/m]
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	100	250	500	1,000		MHz
Insertion Loss (Typ.)	0.34	0.55	0.84	1.25		dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1*SQRT(FGHz) dB per connector.

Mechanical Specifications

Cable Assembly

Length* 39.37 in [100 cm]
Weight 0.046 lbs [20.87 g]

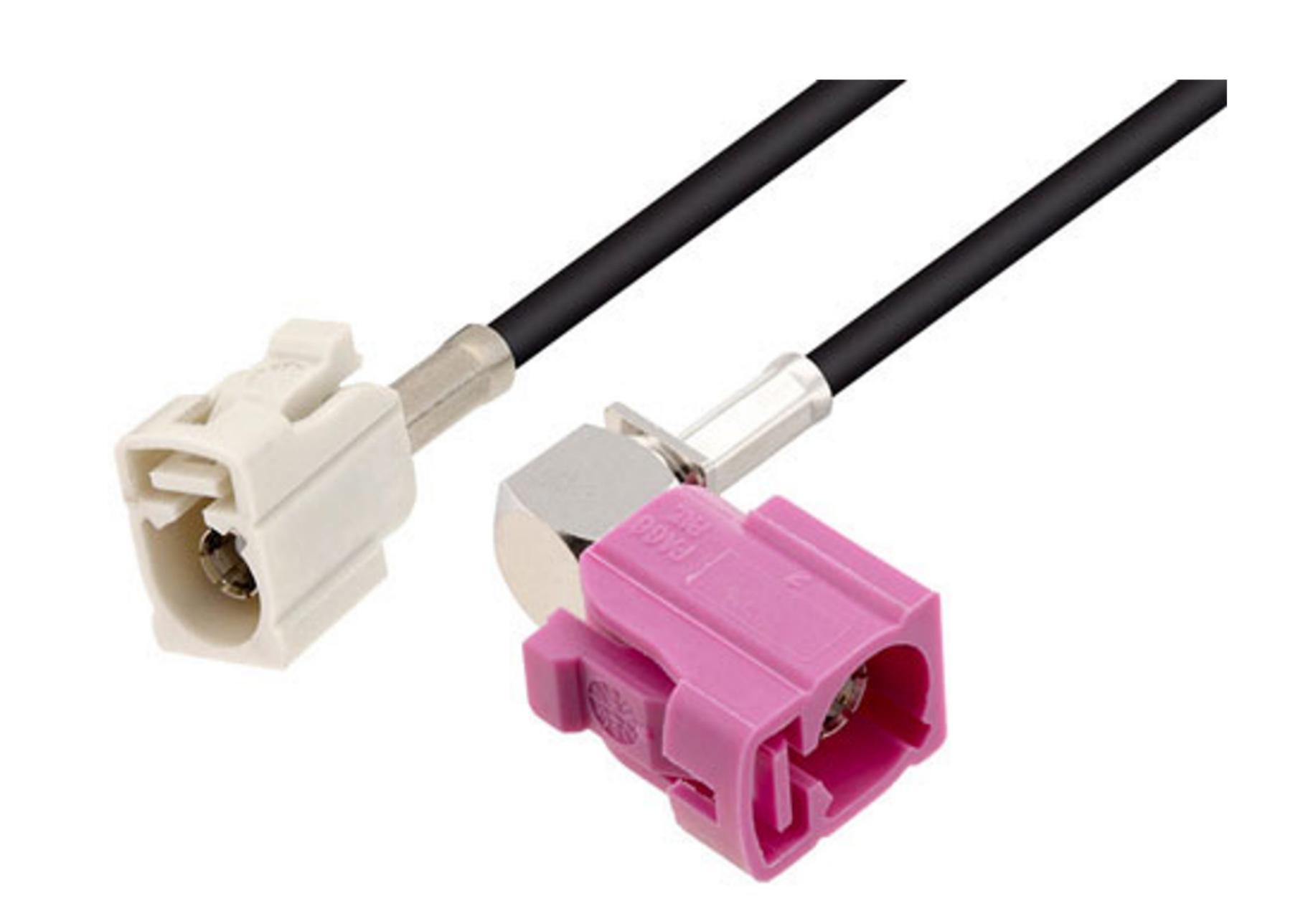
Cable

ET-RG174 Cable Type Impedance 50 Ohms Stranded Inner Conductor Type Inner Conductor Material and Plating Copper Clad Steel PE Dielectric Type Number of Shields Shield Layer 1 Tinned Copper Braid Jacket Material PVC, Black 0.11 in [2.79 mm] Jacket Diameter

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White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-ET -RG174 Coax In 100 CM Length



RF Cable Assemblies Technical Data Sheet

ET22286

Connectors

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

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

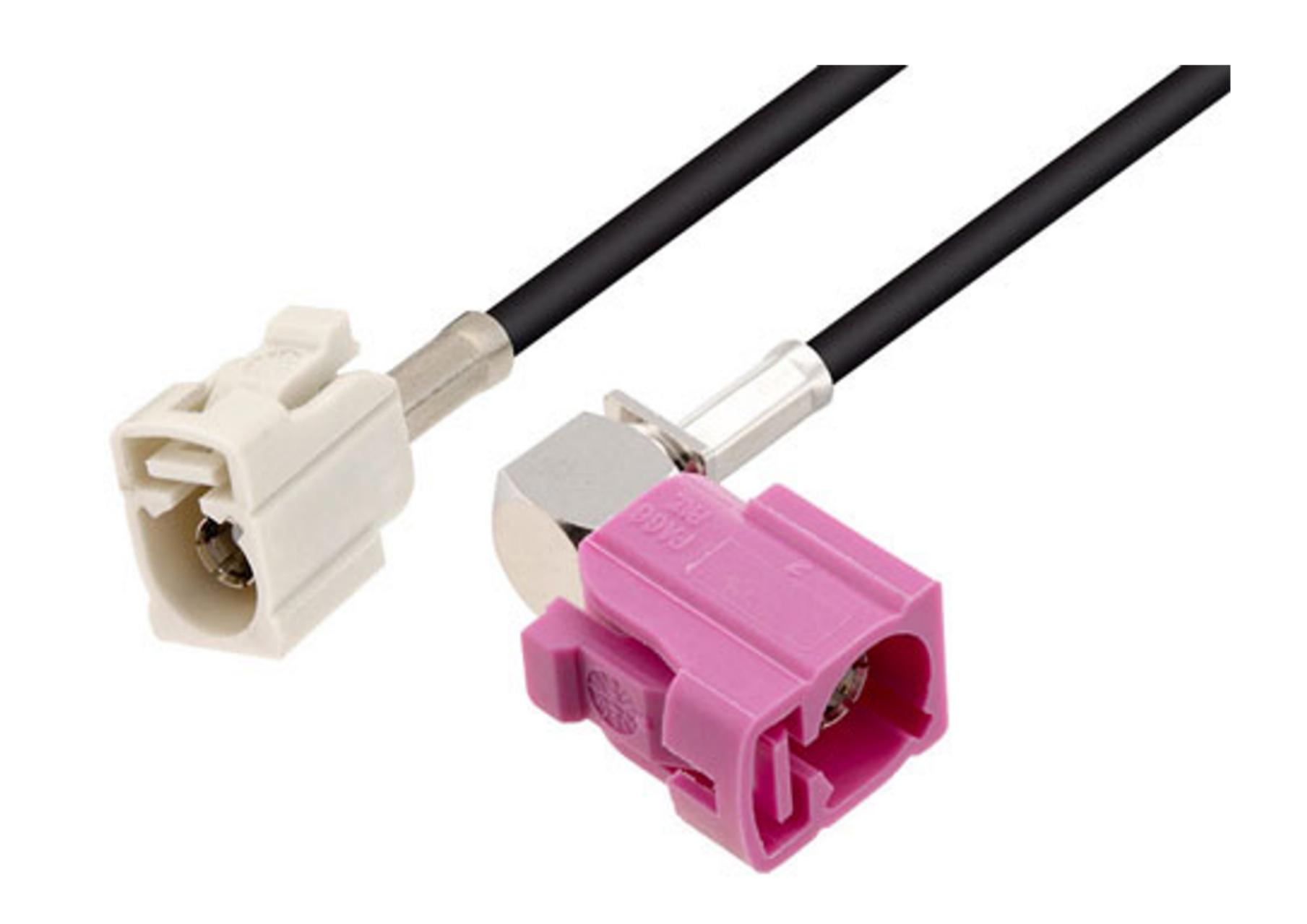
Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-RG174 Coax In 100 CM Length ET22286

www.ebeestock.com



White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-ET -RG174 Coax In 100 CM Length



RF Cable Assemblies Technical Data Sheet

ET22286

How to Order

Part Number Configuration:

ET3C7911 - xx uu

Unit of Measure:

cm = Centimeters

chlank> = Inches

Base Number

Example: ET3C7911-12 = 12 inches long cable

ET22286 = 100 cm long cable

White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-RG174 Coax In 100 CM Length 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: White FAKRA Jack to FAKRA Jack Right Angle Cable Using ET-RG174 Coax In 100 CM Length ET22286

URL: https://www.ebeestock.com/white-fakra-jack-to-fakra-jack-right-angle-cable-using-rg174-coa x-in-12-inch-length-0022280

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.

