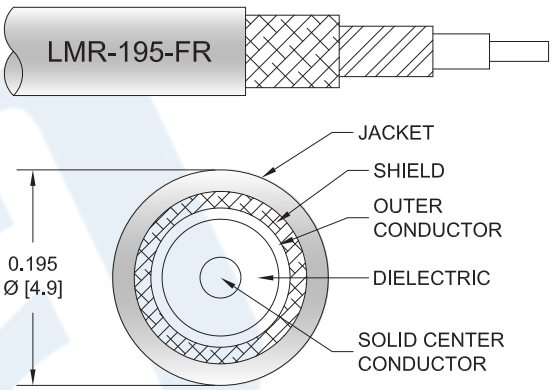
PASTERNACK
an INFINITE brand

Fire Rated D-Sub Receptacle Right Angle to UHF Female Low Loss Cable Using LMR-195-FR Coax

RF Cable Assemblies Technical Data Sheet PE3W08479

Configuration

- Connector 1: D-Subminiature Receptacle Right Angle
- Connector 2: UHF Female
- Cable Type: LMR-195-FR



Features

- Shielding Effectivity > 90 dB
- 76% Phase Velocity
- Double Shielded
- FRPE Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W08479 D-Sub receptacle right angle to UHF female cable using LMR-195-FR coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack D-Sub to UHF cable assembly has a receptacle to female gender configuration with 50 ohm flexible LMR-195-FR coax. The right angle D-Sub interface on the LMR-195-FR cable allows for easier connections in tight spaces. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

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: Fire Rated D-Sub Receptacle Right Angle to UHF Female Low Loss Cable Using LMR-195-FR Coax PE3W08479

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		76		%
RF Shielding	90			dB
Group Delay		1.27 [4.17]		ns/ft [ns/m]
Capacitance		25.4 [83.33]		pF/ft [pF/m]
Inductance		0.064 [0.21]		uH/ft [uH/m]
DC Resistance Inner Conductor		7.6 [24.93]		Ω/1000ft [Ω/Km]
DC Resistance Outer Conductor		4.9 [16.08]		Ω/1000ft [Ω/Km]
Jacket Spark			3,000	Vrms

Mechanical Specifications

Cable Assembly

Weight	0.098 lbs [44.45 g]

Cable

Cable Type	LMR-195-FR
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Aluminum Tape
Shield Layer 2	Tinned Copper Braid
Jacket Material	FRPE, Black
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	0.5 in [12.7 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]
Bending Moment	0.2 lbs-ft [0.27 N-m]
Flat Plate Crush	15 lbs/in [0.27 Kg/mm]
Tensile Strength	40 lbs [18.14 Kg]

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Connectors

Description	Connector 1	Connector 2
Type	D-Subminiature Receptacle Right Angle	UHF Female
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Brass, Gold
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification		100 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration: **PE3W08479 - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE3W08479 — Base Number

Example: PE3W08479-12 = 12 inches long cable
PE3W08479-100cm = 100 cm long cable

Fire Rated D-Sub Receptacle Right Angle to UHF Female Low Loss Cable Using LMR-195-FR Coax from Pasternack 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: Fire Rated D-Sub Receptacle Right Angle to UHF Female Low Loss Cable Using LMR-195-FR Coax PE3W08479

URL: https://www.pasternack.com/fire-rated-d-sub-receptacle-right-angle-to-uhf-female-low-loss-cable-using-lmr-195-fr-pe3w08479-p.aspx

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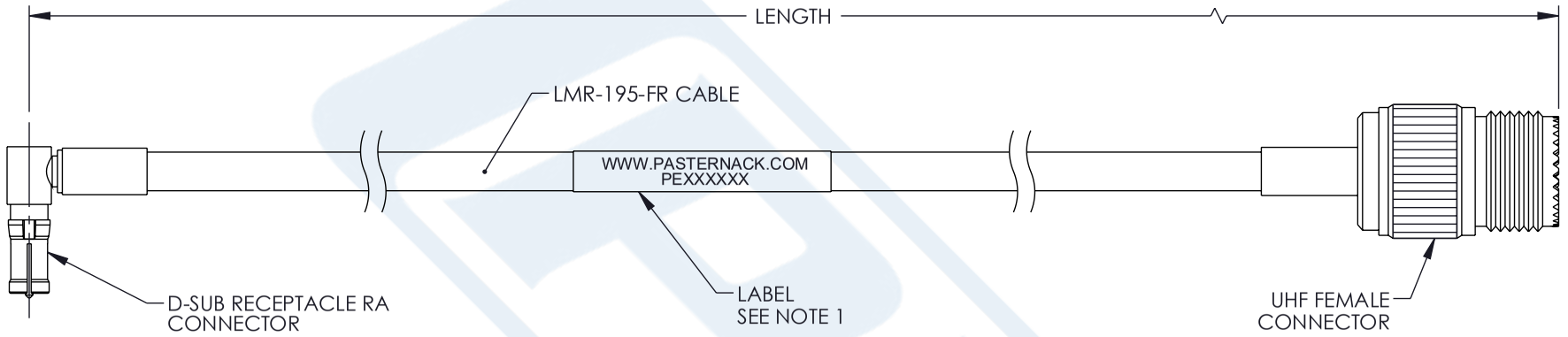
REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	01/20/2023	DZINN	AGANWANI

PE3W08479 CAD Drawing

Fire Rated D-Sub Receptacle Right Angle to UHF Female
Low Loss Cable Using LMR-195-FR Coax



NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT:
   36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED.
   LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [.5]	ANGLES ± 1°
.XXX = ±.005 [.13]	

CABLE LENGTH TOLERANCES:

>12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
FIRE RATED D-SUB RECEPTACLE RIGHT ANGLE TO UHF FEMALE LOW LOSS CABLE USING LMR-195-FR COAX

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	DZINN	PE3W08479	A

PE3W08479 REV 1

T-Rev.D