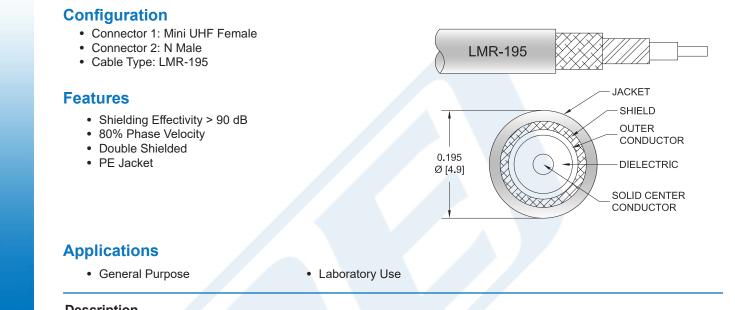


Mini UHF Female to N Male Cable 200 cm Length Using LMR-195 Coax with HeatShrink



## **RF Cable Assemblies Technical Data Sheet**

#### PE3W06032/HS-200CM



#### Description

Pasternack's PE3W06032/HS-200CM Mini UHF female to type N male 200 cm cable using LMR-195 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 Mini UHF to type N cable assembly has a female to male gender configuration with 50 ohm flexible LMR-195 coax. 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: Mini UHF Female to N Male Cable 200 cm Length Using LMR-195 Coax with HeatShrink PE3W06032/HS-200CM

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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### PE3W06032/HS-200CM

#### **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		80		%
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]		Ohms/1000ft [Ohms/
Km]				
DC Resistance Outer Conductor		4.9 [16.08]		Ohms/1000ft [Ohms/
Km]				
Jacket Spark			3,000	Vrms

#### **Mechanical Specifications**

Cable Assembly Length\* Diameter

#### Cable

Cable Type Impedance Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter

One Time Minimum Bend Radius Repeated Minimum Bend Radius Bending Moment Flat Plate Crush Tensile Strength 78.74 in [200 cm] 0.81 in [20.57 mm]

LMR-195 50 Ohms Solid Copper PE (F) 2 Aluminum Tape Tinned Copper Braid PE, Black 0.195 in [4.95 mm]

0.5 in [12.7 mm] 2 in [50.8 mm] 0.2 lbs-ft [0.27 N-m] 15 lbs/in [0.27 Kg/mm] 40 lbs [18.14 Kg]

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## **RF Cable Assemblies Technical Data Sheet**

## PE3W06032/HS-200CM

#### Connectors

Description	Connector 1	Connector 2 N Male	
Туре	Mini UHF Female		
Specification		MIL-STD-348	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Gold	Brass, Gold	
Contact Plating Specification		ASTM B488	
Dielectric Type	PTFE	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Tri-Meta	
Coupling Nut Material and Plating		Brass, Tri-Meta	
Hex Size		13/16 Inch	

Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm$  3/8", whichever is greater.

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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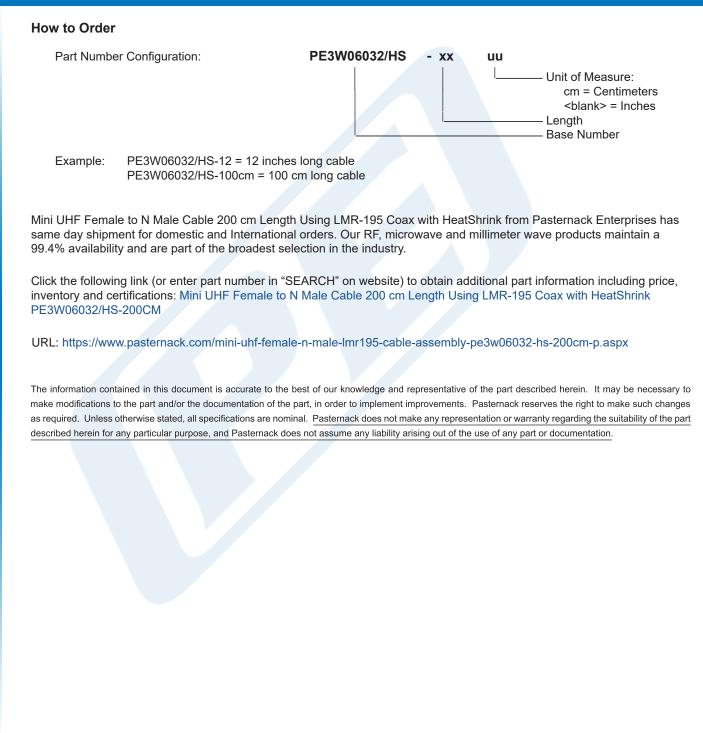




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PE3W06032/HS-200CM CAD Drawing Mini UHF Female to N Male Cable 200 cm Length Using LMR-195 Coax with HeatShrink

