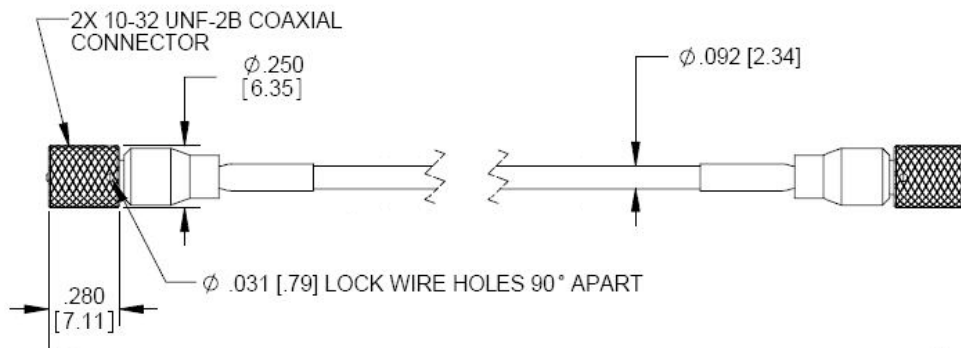
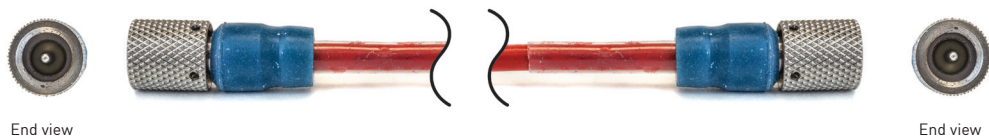


# Highly flexible low noise coaxial cable assembly Model 3060D



STANDARD TOLERANCE  
INCHES [MILLIMETERS]  
.XX = ± .02 [X = ± .5]  
.XXX = ± .010 [XX = ± .25]

## Key features

- Silicone rubber jacket provides maximum flexibility and moisture protection
- Critical parameters - 100% tested
- Welded center conductor to pin construction
- Wide temperature range
- Stainless steel connector housing

## Description

The 3060D cable assembly delivers the highest flexibility along with a wide temperature range. Both ends of the cable are terminated with 10-32 stainless steel plugs and a welded center pin provides maximum pull strength and lowest noise. All critical parameters are 100% tested. The cable capacitance is measured, recorded and the value is provided with each cable assembly.

The cable's connectors are manufactured in-house using a glass-fused dielectric providing a hermetic seal and superior mechanical strength.

The 3060D is the only cable of its type in the industry making it the ultimate solution for applications where a highly flexible cable is required with no sacrifice in temperature range and reliability. The hermetic connectors and extruded outer jacket afford years of reliable service in humid environments.

## Highly flexible low noise coaxial cable | Model 3060D

The following specifications are typical and taken at approximately 75°F (24°C) unless otherwise noted.

Specifications		
Connector/Termination	Units	3060D
<b>Connector</b>		
Connector 1		10-32 UNF
Connector 2		10-32 UNF
Dielectric material		Glass
Pin material		304L stainless steel
Connector housing material		304 stainless steel
Strain relief material		Fluorosilicone rubber
Torque (2)	In-lb (Nm)	Finger tight to 1.5 (0.17)
Lock wire holes		Yes
Weight	gms	1.70
<b>Cable</b>		
Color (3)		Red
Jacket		Extruded silicone rubber
Type		Coaxial
Center conductor		Silver Plated Copper-Clad Steel
Conductor size	AWG	28
Primary Insulation		PTFE
Diameter	in (mm)	0.092 (2.34)
Shield Coverage		90% min.
Shield material		Silver plated copper braid
Weight	gm/ft	3.5
Bend Radius	in(mm)	0.950 (24) min.
Raw cable		EDV11121A (79306-01)
<b>Environmental</b>		
Minimum temperature	°F (°C)	-100 (-73)
Maximum temperature	°F (°C)	500 (260)
Pin pullout	lbs (kg)	33 (15)
Cable pull strength, 10-32 plug	lbs (kg)	20 (9) typical
<b>Characteristics</b>		
Noise (1)	pC pk-pk	1.5
Capacitance (1)	pF/ft	50, max
Insulation resistance at 100Vdc (1)	GΩ	1.0 at 100V

## Length tolerance tabulation

Length inches (millimeters)	Tolerance inches (millimeters)
Up to 12 (304.8)	+1.0 (25.4)
13 to 60 (330.2 to 1524)	+2.0 (50.8)
61 to 1200 (1524 to 30.48 meters)	+6.0 (152.4)
Over 1200 (30.48 meters)	+1.0ft (304.8)

## Notes

1. These parameters are 100% tested.
2. For high g shock and vibration the knurled nut should be tightened beyond finger tight and the cable secured down as close to the connector as possible.
3. Small color variations may occur during normal batch processing, but have no impact on product performance

## Ordering Information:

1. Specify as 3060D/XXX where XXX = cable length in inches
2. Maintain high levels of precision and accuracy using Endeveco's factory calibration services. Call Endeveco's inside sales force at 866-ENDEVCO for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.



10869 NC Highway 903, Halifax, NC 27839 USA

endeveco.com | sales@endeveco.com | 866 363 3826