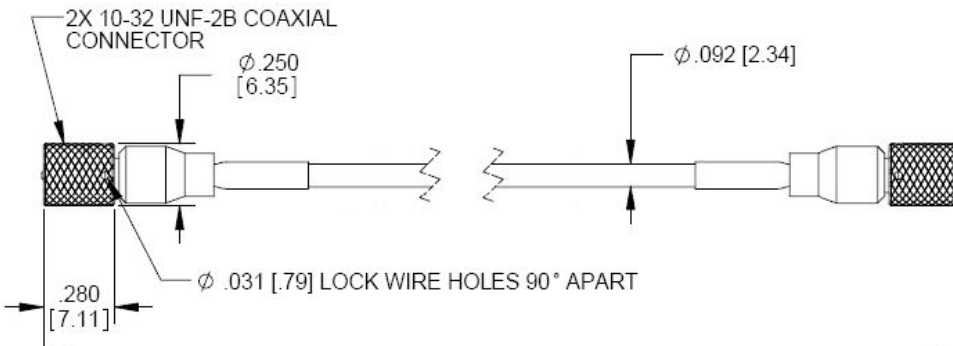
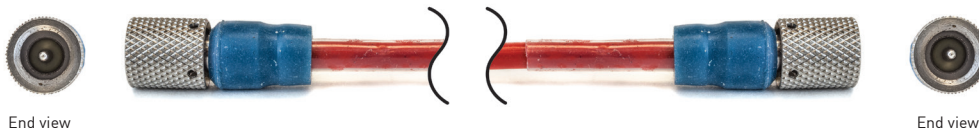




Endevco®

Highly flexible low-noise coaxial cable

Model 3060D



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

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 connectors 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.

Key features

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

Meggitt Sensing Systems

Our measurement product competencies:

Piezoelectric accelerometers | Piezoresistive accelerometers | Isotron accelerometers | Variable capacitance accelerometers | Pressure transducers | Acoustic sensors | Electronic instruments | Calibration systems | Shakers | Modal hammers | [Cable assemblies](#)

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extreme environments



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Specifications

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

	Units	3060D
Characteristics		
Connector		
Connector 1		10-32 NF
Connector 2		10-32 NF
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
Cable		
Color		Red
Outer jacket		Extruded silicone rubber
Type		Coaxial
Center conductor		Stranded
Conductor material		Silver plated annealed copper weld
Conductor size	AWG	28
Primary Insulation		Teflon
Cable type		Coaxial
Diameter	in (mm)	0.092 [2.34]
Shield material		Silver plated copper braid
Weight	gm/ft	3.5
Bend Radius	in(mm)	0.950 [24]
Raw cable		PN 11121
Environmental		
Minimum temperature	°F (°C)	-100 [-254]
Maximum temperature	°F (°C)	500 [260]
Pin pullout	lbs (kg)	33 [15]
Cable pull strength, 10-32 plug [1]	lbs (kg)	>20 [9] typ.
Electrical		
Noise [1]	pC pk-pk	1.5
Capacitance [1]	pF/ft	50, max
Insulation resistance at 100Vdc [1]	GΩ	1.0 at 100V



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Length tolerance tabulation

Length inches (millimeters)	Tolerance inches (millimeters)
Up to 12 (304.8)	+ 1.0 (25.4)
>12 to 36 (330.2 to 914.4)	+2.0 (50.8)
>36 to 120 (914.4 to 3.05 meters)	+4.0 (101.6)
Over 120 (3.05 meters)	+4.0 (101.6) per 120 (3.05) or part thereof (+12 = maximum tolerance)

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. STEP file available on request.

Ordering Information:

1. Specify as 3060D-XXX where XXX = cable length in inches
2. Standard lengths, in inches, are: 120, 240, 360 and 600

Contact

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ISO 9001



Continued product improvement necessitates that Meggitt reserve the right to modify these specifications without notice. Meggitt maintains a program of constant surveillance over all products to ensure a high level of reliability. This program includes attention to reliability factors during product design, the support of stringent Quality Control requirements, and compulsory corrective action procedures. These measures, together with conservative specifications have made the name Endevco synonymous with reliability. 020518

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