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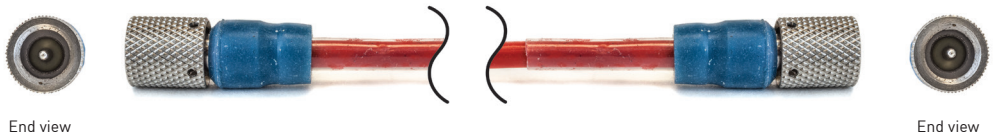
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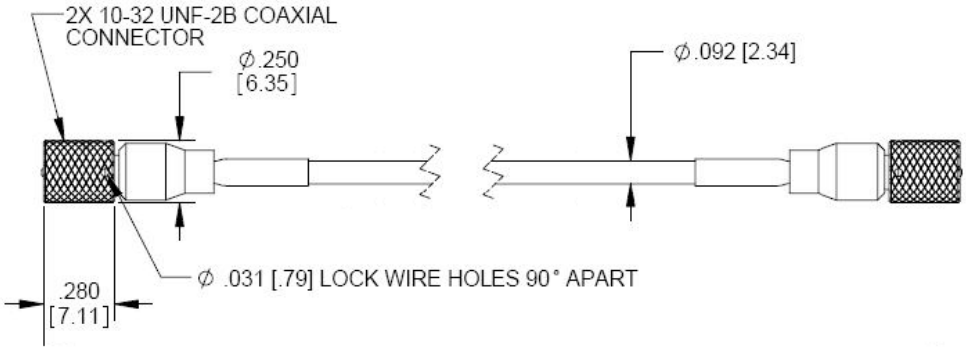
Highly flexible low-noise coaxial cable

Model 3060D



End view

End view



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

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 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.

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
Connector		
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
Cable		
Color		Red
Outer 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		EDV11121
Environmental		
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) typ.
Characteristics		
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)
12 to 60 (330.2 to 1524)	+2.0 (50.8)
60 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. STEP file available on request.

Ordering Information:

1. Specify as 3060D/XXX where XXX = cable length in inches
2. Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco'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.

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