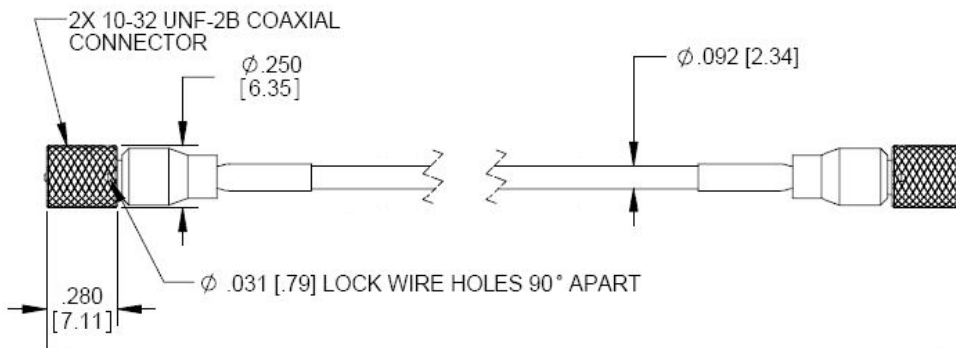
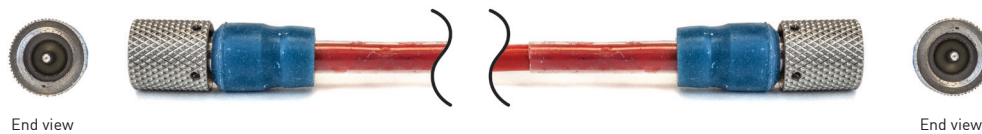


Highly flexible low-noise coaxial cable

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

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.

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Model 3060D

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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Model 3060D

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
3. 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.

Contact

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