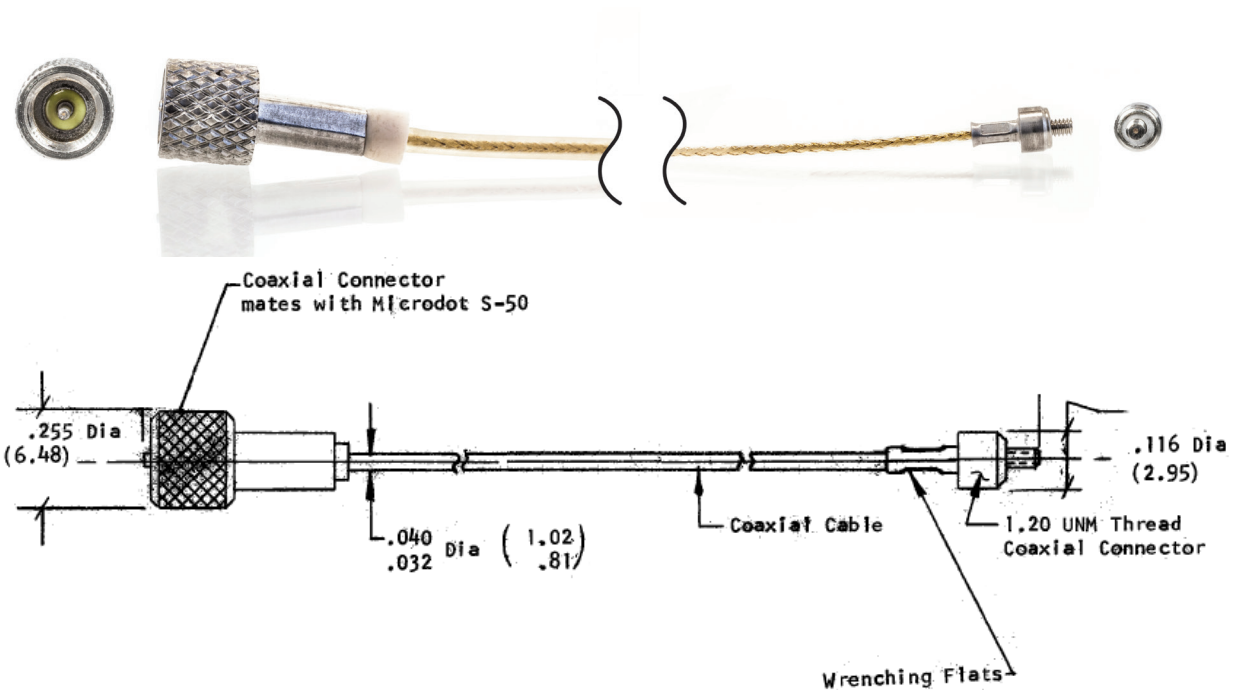


Subminiature IEPE cable

Model 3006



STANDARD TOLERANCE	
Inches	(Millimetres)
.XX = ±.03	.X = ±.8
.XXX = ±.010	.XX = ±.25

Key features

- For use with Endevco models 25B and 2250A
- Lightweight to minimize mass loading

Description

The model 3006 is a lightweight cable designed for use with the Endevco accelerometer models 25B & 2250A. The cable weighs only 0.46 grams per foot and the transducer end connector weighs 0.1 grams thus minimizing mass loading. This cable is intended for use IEPE type accelerometers.

Subminiature IEPE cable | Model 3006

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

Specifications		
Connector characteristics	Units	3006
Connector 1, transducer end		1.20 UNM threaded plug
Torque	in-lbs (Nm)	0.8 (0.09)
Weight	gms	0.1
Lock wire holes		No
Connector 2, instrumentation end		10-32 NF threaded nut with center pin
Torque	in-lbs (Nm)	1.5 (0.17)
Cable		
Outer jacket		Fluorocarbon
Conductors		1 plus shield
Conductor material		Copper
Conductor size	AWG	36
Primary insulation		Teflon
Cable type		Coaxial
Diameter	in (mm)	0.040/0.032 (1.02/0.81)
Shield material		Braided gold plated copper
Cable weight	gms/ft	0.46
Bend radius	in (mm)	0.12 (3) min.
Environmental characteristics		
Minimum temperature	°F (°C)	-58 (-50)
Maximum temperature	°F (°C)	257 (125)
Electrical		
Insulation resistance at 100V	m Ω	100
Cable capacitance	pF/ft (mtr.)	43 (140)

Length tolerance tabulation	
Length inches (millimeters)	Tolerance inches (millimeters)
Up to 12 (304.8)	+ 1.0 (25.4)
13 to 36 (330.2 to 914)	+ 2.0 (50.8)
37 to 120 (939.8 to 3.05 meters)	+ 4.0 (101.6)
Over 120 (3.05 meters)	+4 (101.6) per 120 (3.05) or part thereof (+12 (3.05) = maximum tolerance)

Accessories		
Product	Description	3006
22114	Removal tool	Included

Ordering information:

- Specify as 3006-XXX where XXX = in inches
- Standard lengths, in inches are: 120



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