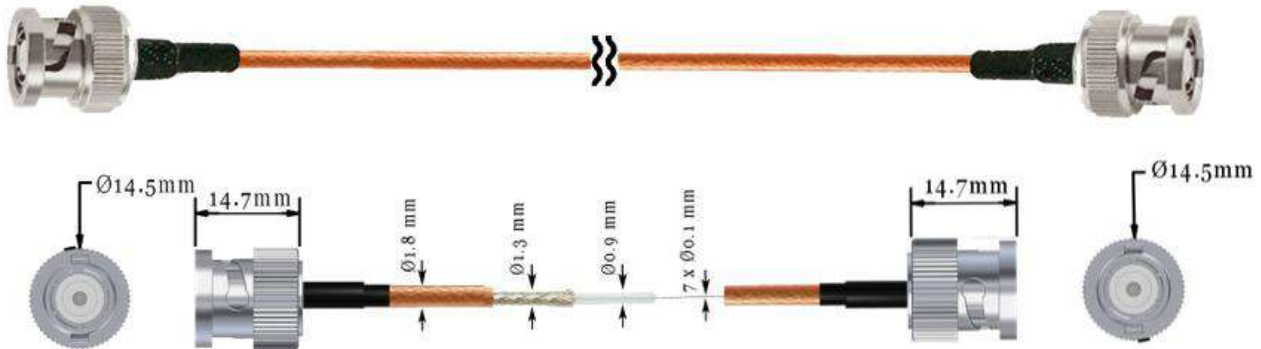


CA-101-5-B-B

Co-axial Cable with Both End BNC Connectors



Product Specifications

Co-axial Cable

Model	CA 101
Jacket Material	FEP
Jacket Color	Brown
Cable Construction	Co-axial
Shielding Method	Tin plated Copper braid
Cable diameter	1.80mm
Centre Conductor	7/0.102
Insulation	Solid PTFE
Minimum Bend Radius	44mm
Temperature Range	-55 to 200°C
Capacitance	95.50pF / m
Characteristic Impedance	50 ± 2.5 Ω

BNC Connector

Model	Co -axial BNC Plug (Male)
Characteristic Impedance	50 Ω
Body Material	Stainless Steel
Strain Relief	Molded Silicon Boot
Insulation Resistance	5x10 ⁶ ohm
Shell Material	Nickel Plated Brass

Pin Contact	Gold Plated
Material	Beryllium copper
Pin Out	Center Pin: Signal, Shell: Common
Temperature Range	-60 to 200° C

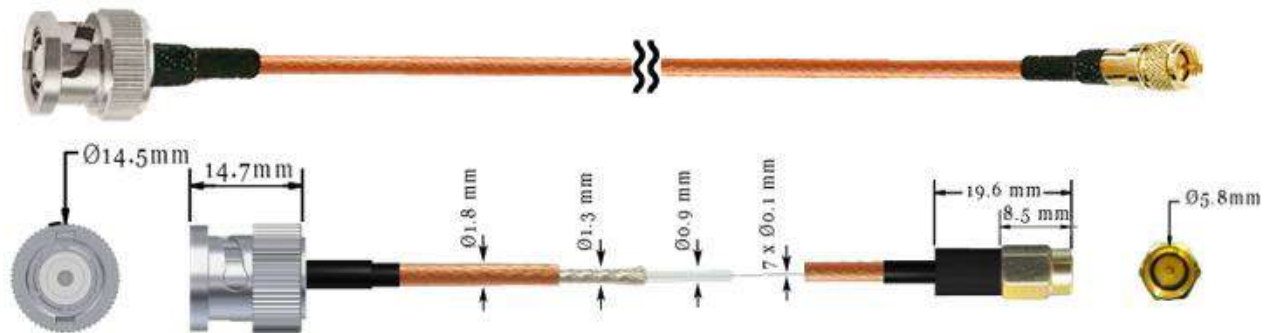
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CA-101-5-M-B

Low-Noise Co-axial Sensor Cable –10-32 Microdot Male to BNC Male Connectors



Product Specifications

Co-axial Cable

Model	CA 101
Jacket Material	FEP
Jacket Color	Brown
Cable Construction	Co-axial
Shielding Method	Tin plated Copper braid
Cable diameter	1.80mm
Centre Conductor	7/0.102
Insulation	Solid PTFE
Minimum Bend Radius	44mm
Temperature Range	-55 to 200°C
Capacitance	95.50pF / m
Characteristic Impedance	50 ± 2.5 Ω

10-32 Male Connector

Connector Type	Co-axial 10-32 Plug Male
Strain relief	Molded Boot
Impedance	50 Ω
Insulation Resistance	5x10 ⁶ ohm

MIL Connector

Application	Permanent Mount
Maximum Temperature	200°C
Connecting Type	Right Angle 2 Socket MIL
Operating Temperature	-55°C to 125°C
Durability	100 Cycles
Coupling Style	Threaded
Pinout	A: Signal B: Common

BNC Connector

Model	BNC Connector
Characteristic Impedance	50Ω
Body Material	Stainless Steel
Insulation Resistance	50x10 ⁶ ohm
Shell Material	Brass
Pin Contact	Gold Plated
Pin Out	Center Pin: Signal Shell: Common

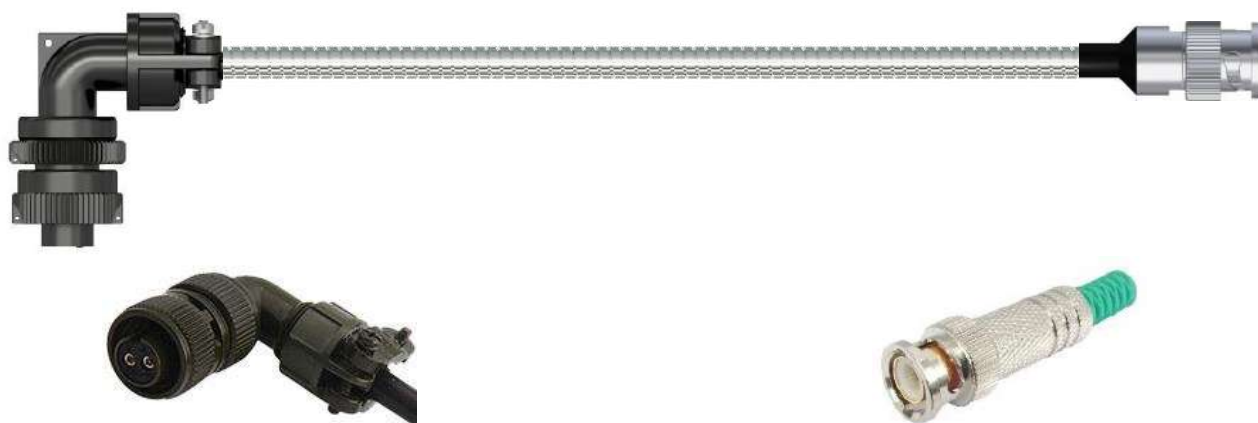
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CA-103-5-RD-B

2 Core Shielded Accelerometer Cable with SS Outer Armor – One side 2 Socket Right Angle Circular MIL Connector other side BNC



Product Specifications

2 Core Shielded Cable

Jacket Material	Grey PVC
Application	Permanent Monitoring
Conductor Quantity	2 Conductor
Cable Diameter	4mm
Shielding Method	Tinned Copper Braiding
Mutual Capacitance	120nF/km
TemperatureRange	-40°C to 80°C

SS Armor

Model	SS Armor
Inner Diameter	5mm
Outer Diameter	7mm
Body Material	Stainless Steel (SS304)
Type	Double Lock Flexible Conduit
Application	Extra flexible for tight bend applications
Designed for	Designed for corrosive applications that do not require a jacket.

Shell Type	Gold Plated Brass
Temperature Range	-60 to 200°C
BNC Connector	
Model	Co -axial BNC Plug (Male)
Characteristic Impedance	50 Ω
Body Material	Stainless Steel
Strain Relief	Molded Silicon Boot
Insulation Resistance	5x10 ⁶ ohm
Shell Material	Nickel Plated Brass
Pin Contact	Gold Plated
Material	Beryllium copper
Pin Out	Center Pin: Signal, Shell: Common
Temperature Range	-60 to 200° C

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CA-102-5-A-B

2 Core Twisted Shielded Accelerometer Cable – One Side 2 Socket Circular MIL Connector Other side BNC



Product Specifications

2 Core Shielded Cable

Jacket Material	Grey PVC
Application	PermanentMonitoring
Conductor Quantity	2 Conductor
Cable Diameter	5.6mm
Shielding Method	Tinned Copper Braiding
Aluminum foil tape protection	For preventing signal loses
Mutual Capacitance	120nF/km
TemperatureRange	-40°C to 80°C

MIL Connector

Application	Permanent Mount
Maximum Temperature	200°C
Connecting Type	2 Socket MIL
Operating Temperature	-55°C to 125°C
Durability	100 Cycles
Coupling Style	Threaded
Pinout	A: Signal B: Common

BNC Connector

Model	BNC Connector
Characteristic Impedance	50Ω
Body Material	Stainless Steel
Insulation Resistance	50x10 ⁶ ohm
Shell Material	Brass
Pin Contact	Gold Plated
Pin Out	Center Pin: Signal Shell: Common

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CA-103-5-A-B

2 Core Shielded Accelerometer Cable with SS Outer Armor – One side 2 Socket Circular MIL Connector other side BNC



Product Specifications

2 Core Shielded Cable

Jacket Material	Grey PVC
Application	Permanent Monitoring
Conductor Quantity	2 Conductor
Cable Diameter	3.8mm
Shielding Method	Tinned Copper Braiding
Mutual Capacitance	120nF/km
Temperature Range	-40°C to 80°C

SS Armor

Model	SS Armor
Inner Diameter	5mm
Outer Diameter	7mm
Type Body	Double lock flexible conduit
Material	Stainless Steel (SS304)
Application	Extra flexible for tight bend applications
Designed for	Designed for corrosive applications that do not require a jacket.

MIL Connector

Application	Permanent Mount
Maximum Temperature	200°C
Connecting Type	2 Socket MIL
Operating Temperature	-55°C to 125°C
Durability	100 Cycles
Coupling Style	Threaded
Pinout	A: Signal B: Common

BNC Connector

Model	BNC Connector
Characteristic Impedance	50Ω
Body Material	Stainless Steel
Insulation Resistance	50x10 ⁶ ohm
Shell Material	Brass
Pin Contact	Gold Plated
Pin Out	Center Pin: Signal Shell: Common

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CABLES, MOUNTS & ACCESSORIES

Sensor Cables



2 CORE SHIELDED CABLE WITH ONE SIDE
AMPHENOL 2 PIN MIL CONNECTOR
OTHER SIDE BNC

CA-102-3-A-B



2 CORE SHIELDED CABLE WITH
STAINLESS STEEL OUTER ARMOR - ONE
SIDE AMPHENOL 2 PIN MIL CONNECTOR
OTHER SIDE BNC

CA-103-3-A-B



LOW-NOISE CO-AXIAL CABLE WITH ONE
SIDE M5 MICRODOT CONNECTOR OTHER
SIDE BNC

CA-101-3-M0-B



LOW-NOISE CO-AXIAL CABLE WITH BOTH
SIDE BNC CONNECTORS

CA-101-3-B-B



2 CORE SHIELDED CABLE WITH
STAINLESS STEEL OUTER ARMOR - ONE
SIDE ALLIED 2 PIN MIL CONNECTOR
OTHER SIDE BNC

CA-103-3-D-B



2 CORE SHIELDED CABLE WITH ONE SIDE
ALLIED 2 PIN MIL CONNECTOR OTHER
SIDE BARE WIRES

CA-105-3-D



2 CORE SHIELDED CABLE WITH
ONE SIDE ALLIED 2 PIN MIL CONNECTOR
OTHER SIDE BNC

CA-105-3-D-B



2 CORE SHIELDED CABLE WITH ONE SIDE
ALLIED 2 PIN MIL CONNECTOR OTHER
SIDE TNC

CA-105-3-D-T



LOW-NOISE CO-AXIAL CABLE WITH BOTH
SIDE 10-32 MICRODOT CONNECTORS

CA-101-3-M-M



2 CORE SHIELDED CABLE WITH ONE SIDE
AMPHENOL 2 PIN MIL CONNECTOR
OTHER SIDE BARE WIRES

CA-102-3-A



2 CORE SHIELDED CABLE WITH
STAINLESS STEEL OUTER ARMOR - ONE
SIDE AMPHENOL 2 PIN MIL CONNECTOR
OTHER SIDE BARE WIRES

CA-103-3-A



LOW-NOISE CO-AXIAL CABLE WITH ONE
SIDE 10-32 MICRODOT CONNECTOR
OTHER SIDE BNC

CA-101-3-M-B

Mounts



Flat Surface Magnetic
Mounting Base
Pull Strength: 4Kg,15Kg,20Kg

TMA-101-1-A



Flat Surface Magnetic
Mounting Base
Pull Strength: 4Kg,15Kg,20Kg

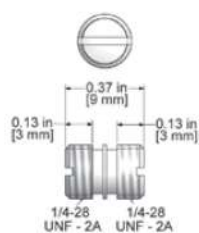
TMA-101-1-B



Triaxial Accelerometer Mounting
Block

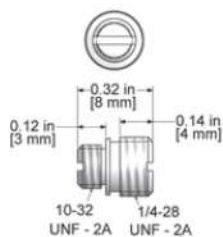
TMB-101-1-A

Mounting Studs



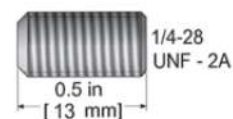
1/4-28 to 1/4-28,
Stainless Steel
Mounting Stud

TM101-1A



1/4-28 to 10-32,
Stainless Steel

TM101-2A



1/4-28, 1/2 in. length,
Stainless Steel
Mounting Screw

TM101-3A



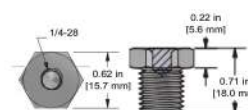
1/4-28 to M6x1,
Stainless Steel
Adapter Stud

TM101-4A



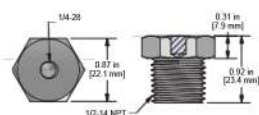
1/4-28 to M10,
Stainless Steel
Adapter Stud

TM101-6A



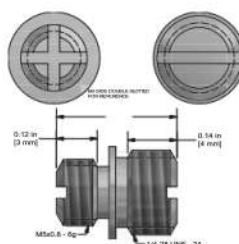
1/4 in. NPT to 1/4-28
Stainless Steel
Adapter Stud

TM101-7A



1/2 in. NPT to 1/4-28
Stainless Steel
Adapter Stud

TM101-8A



1/4-28 to M5,
Stainless Steel
Mounting Stud

TM101-9A



Isolation Stud

TMI-101-1-A

Adhesive Pad



Flat Surface Adhesive
Mounting Pad

TAP-101-1-A

TMB-101-1-A

Triaxial Accelerometer Mounting Block



Product Features

- Low Cost
- Customizable
- Allows attachment of 3 single axis accelerometers

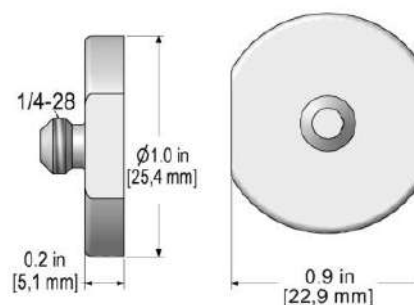
Triaxial accelerometer mounting adaptors increases the utilization of your present inventory of single axis sensors when you need to take measurement from 3 directions at a sensor(s) location. It is always best to use triaxial accelerometers but for cost avoidance issues triaxial mounting adaptors offer an economical option. These adaptors mate to three standard single axis accelerometers to monitor vibration in three orthogonal axes. User to install three single axis accelerometers on one mounting block to obtain vertical, horizontal, and axial measurements from the same location without the high cost of a triaxial accelerometer. The mounting block is threaded for industry standard 1/4-28 UNF threaded sensors and adapters can be purchased for other thread types.

Product Specifications

Model No	TMB-101-1A
Sensor Mounting	1/4"-28
Number of axis	3
Pull Strength	N/A
Case Material	Stainless Steel 304
Dimension	25 X 25mm
Compatibility	Compatible with all single axis, top exit accelerometers
Sensor Mounting	1/4-28 Integral Stud

TAP-101-1-A

Flat Surface Adhesive / Cementing Mounting Pad



Product Specifications

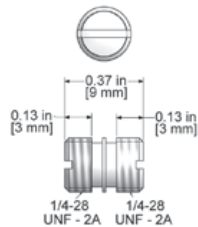
Model No	TAP-101-1A
Sensor Mounting	1/4"-28 Integral Stud
Pull Strength	N/A
Case Material	Stainless Steel 304
Compatibility	Compatible with all sensors with 1/4"-28 mounting holes
Type	Textured surface on bottom of pad for adhesive bonding, Adhesive mount to avoid drilling and tapping
Usage	Provides a consistent location for a permanent vibration reading location

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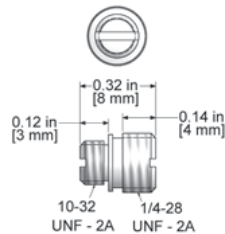
Mounting Studs

TM101-1A



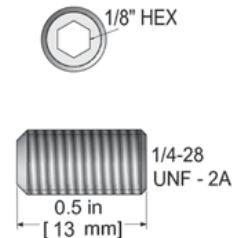
1/4-28 to 1/4-28,
Stainless Steel
Mounting Stud

TM101-2A



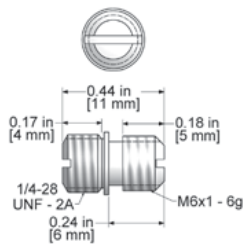
1/4-28 to 10-32,
Stainless Steel

TM101-3A



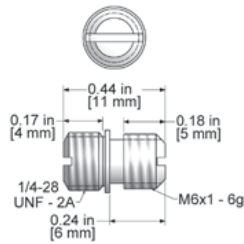
1/4-28, 1/2 in. length,
Stainless Steel
Mounting Screw

TM101-4A



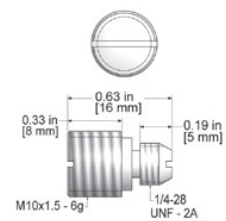
1/4-28 to M6x1,
Stainless Steel
Adapter Stud

TM101-4A



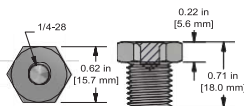
1/4-28 to M6x1,
Stainless Steel
Adapter Stud

TM101-6A



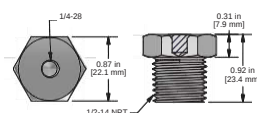
1/4-28 to M10,
Stainless Steel
Adapter Stud

TM101-7A



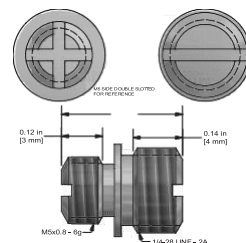
1/4 in. NPT to 1/4-28
Stainless Steel
Adapter Stud

TM101-8A



1/2 in. NPT to 1/4-28
Stainless Steel
Adapter Stud

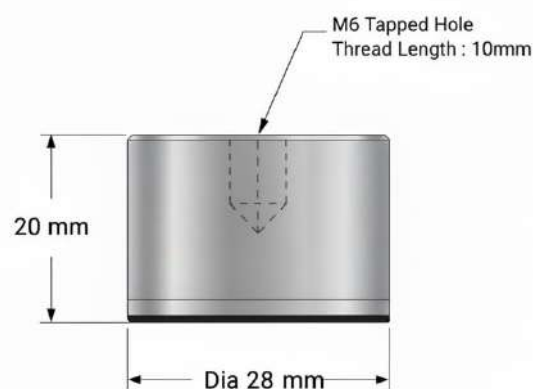
TM101-9A



1/4-28 to M5,
Stainless Steel
Mounting Stud

TMA-103-6-A

Flat Surface Female Magnetic Mount – M6



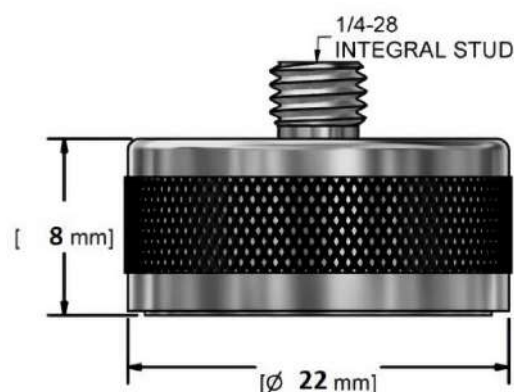
Product Specifications

Model No	TMA-103-6A
Sensor Mounting	M6 Female thread
Pull Strength	17kg
Magnetic Material	Neodymium Iron Boron
Case Material	Stainless Steel 316
Dimensions	28 mm O.D & 20mm Height
Total Thread length	10 mm

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TMA-101-1-A

Flat Surface Magnetic Mounting Base



Product Specifications

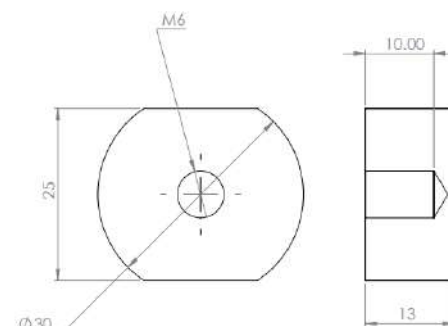
Model No	TMA 101-1A
Sensor Mounting	1/4-28 Integral Stud (Custom made threads: 10-32, M6 & M8)
Available Pull Strength	6 kg, 17kg
Magnetic Material	Neodymium Iron Boron
Case Material	Stainless Steel 304
Dimensions	22 mm O.D & 8mm Height
Model No	TMA 101-1A
Sensor Mounting	1/4-28 Integral Stud

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TAP-102-1-A

Flat Surface Adhesive / Cementing Mounting Pad



Product Specifications

Model No	TAP-102-1A
Sensor Mounting	M6 Female Thread
Pull Strength	N/A
Dimensions	Diameter 30mm, Thread length 10mm, Height 13mm
Case Material	Stainless Steel 316 / Mild steel with blackening
Compatibility	Compatible with all sensors with M6 X 1 Integral stud
Type	Textured surface on bottom of pad for adhesive bonding, Adhesive mount to avoid drilling and tapping
Usage	Provides a consistent location for a permanent vibration reading location

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