

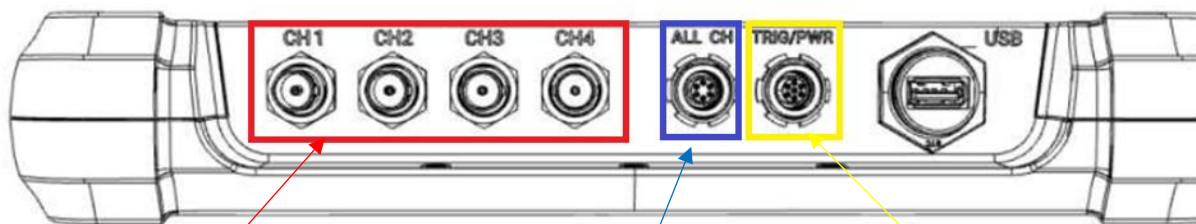
STI Accessories for SKF Microlog dBX (CMVA 90)

Sensors, Cables and Adapters

Rev. 3 (September 2026)



Microlog dBX Input Connections



Sensor Input (4) Universal BNC Connector	ALL CH 6 Position Fischer Socket	TRIG/PWR 7 Position Fischer Socket
For Single Axis Accelerometer Signals. CH. 4 Accepts DC and AC Signals.	For Triaxial Accelerometers, Single Axis Accelerometers and DC Voltage Signals.	For AC Tachometer Signals and Power Input Cables.
Cable with BNC Connector Required. BNC Splitters and Adapters May Be Used.	Cables with 6 Pin Fischer Connector Required. Adapters May Be Used.	Cables with 7 Pin Fischer Connector Required. Adapters May Be Used.

STI Notes:

The Universal BNC connector is a lower cost alternative to the Fischer connector. Short Fischer to Female BNC adapters may be used to connect to lower cost cable assemblies.

Legacy Microlog cables can be connected to the ALL CH and TRIG/PWR ports.

DC Voltage Tacho Signals Connect to Channel 4. AC Voltage Tacho Signals to TRIG Port.

Model No.:	Sensor Type	Suggested dBX Input
CMCP786A	Single Axis Accelerometer	BNC Input
CMCP786T	Accelerometer with Temperature Sensor	Input 1 and 4 (with CMCP5079 Splitter)
CMCP760T	Triaxial Accelerometer	ALL CH Port (6 Pin Fischer)
CMCP760TT	Triaxial Accelerometer with Temperature	BNC Input 1-4 (with Splitter)
CMCP240	Proximity Speed Sensor	BNC Input 4
CMSS 785	Eddy Current Probe (Vibration)	BNC Input
CMSS 785	Eddy Current Probe (Speed)	BNC Input 4



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

Accelerometer Sensor and Cable Kits

CMCP2111

Low-Cost Compact Accelerometer with
Integral Cable and Magnet

The CMCP2111 is a low cost compact 100 mV/g accelerometer with an integral 2m (6.5') cable and removable magnetic mounting attachment. The sensor is fully epoxy encapsulated and built to withstand wet environments.

Electrical Specifications

- 100 mV/g Output, $\pm 10\%$
- 0.32 to 10 kHz Frequency Range ($\pm 3\text{dB}$)
- $\pm 50\text{ g}$ Range
- 18 to 28 VDC Supply Voltage
- 2 to 20 mA Constant Current
- 8-12 VDC Bias Voltage
- 0.1 mg Max Electrical Noise
- 2 Second Settling Time

Environmental Specifications

- -54 to 85°C Operating Temperature
- IP68 (Epoxy Encapsulated)
- 7,000 g Shock Limit
- UKCA and CE Approved

Physical Specifications

- 1.75" x 0.5" Sensor Case
- 108 g Total Weight
- 40 Lb Pull 2 Pole Magnet
- Stainless Steel Case and Magnet
- TPE Jacketed Cable
- 6 Pin Fischer or BNC Microlog dBX Connections Options

CMCP2111

With 6 Pin Fischer Connector Option



CMCP2111-B

With Universal BNC Connector Option



Ordering Information

CMCP2111

Compact Accelerometer with Magnet, 6 Pin Fischer Connector (dBX ALL Input)

CMCP2111-B

Compact Accelerometer with Magnet, Universal Male BNC Connector

STI Note:

The CMCP2111-B with Universal Male BNC connector is a lower cost alternative compared to the Fischer version.



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP1500-K

Single Axis Accelerometer Kit

Includes Accelerometer, Cable and Magnet

The CMCP1500-K kit includes a CMCP785A-M12 single axis side exit accelerometer, 6' (1.8m) coiled cable and a CMCP-MB10 50 Lb. pull two pole magnet. The sensor is commonly used in multiple industries such as pulp and paper, metals, utilities, wastewater processing and heavy industries.

Electrical Specifications

- 100 mV/g Output, $\pm 10\%$
- 0.8 to 15 kHz Frequency Range ($\pm 3\text{dB}$)
- $\pm 80\text{ g}$ Range
- 18 to 28 VDC Supply Voltage
- 0.5 to 8 mA Constant Current
- 8-12 VDC Bias Voltage
- 0.1 mg Max Electrical Noise
- 2 Second Settling Time

Environmental Specifications

- -55 to 140°C Operating Temperature
- IP68
- 5,000 g Shock Limit
- UKCA and CE Approved

Physical Specifications

- 61x25x30 mm Sensor Body
- 185 g Sensor Weight
- Stainless Steel Case and Magnet
- $\frac{1}{4}$ -28 Sensor and Magnet Threads
- PUR Cable Jacket
- Molded 4 Pin M12 for Sensor Connection
- Molded BNC for dBX Connection
- Refer to CMCP785A-M12 For Sensor
- Refer to CMCP-MB10 For Magnet

Ordering Information

CMCP1500-K

Single Axis Accelerometer Kit, Includes Coiled Cable and Magnet

STI Notes:

Kit Includes 1x CMCP785A-M12, 1x CMCP9110 and 1x CMCP-MB10

CMCP1500-K





STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP1500T-K

Premium Triaxial Accelerometer Kit
Includes Triaxial Accelerometer, Cable and Magnet

The CMCP1500T-K kit includes a CMCP760T triaxial side exit accelerometer, 6' (1.8m) coiled cable and a CMCP-MB10 two pole magnet with 50 Lbs. pull strength. The sensor is commonly used in multiple industries such as pulp and paper, metals, utilities, wastewater processing and heavy industries.

Electrical Specifications

- 3 Axis 100 mV/g Output, $\pm 10\%$
- 0.8 to 15 kHz Frequency Range ($\pm 3\text{dB}$)
- ± 80 g Range
- 18 to 28 VDC Supply Voltage
- 0.5 to 8 mA Constant Current
- 8-12 VDC Bias Voltage
- 0.1 mg Max Electrical Noise
- 1 Second Settling Time

Environmental Specifications

- -55 to 140°C Operating Temperature
- IP68
- 5,000 g Shock Limit
- UKCA and CE Approved

Physical Specifications

- 132x38x25 mm Sensor Body
- 235 g Sensor Weight
- Stainless Steel Case and Magnet
- $\frac{1}{4}$ -28 Sensor and Magnet Threads
- PUR Cable Jacket
- Molded 4 Pin M12 for Sensor Connection
- 6 Pin Fischer for dBX Connection
- Refer to CMCP760T For Sensor
- Refer to CMCP-MB10

Ordering Information

CMCP1500T-K

Triaxial Accelerometer Kit, Includes Coiled Cable and Magnet

STI Notes:

Kit Includes 1x CMCP760T, 1x CMCP5209T and 1x CMCP-MB10

CMCP1500T-K





STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP4370K

Low Cost Triaxial Accelerometer Kit
Includes Triaxial Accelerometer, Cable and Magnet

The CMCP4370K kit includes a CMCP1300T triaxial side exit accelerometer, 6' (1.8m) coiled cable and a CMCP-MB10 50 Lb. pull two pole magnet. The sensor is commonly used in multiple industries such as pulp and paper, metals, utilities, wastewater processing and heavy industries.

Electrical Specifications

- 3 Axis 100 mV/g Output, $\pm 10\%$
- 0.32 to 10 kHz Frequency Range ($\pm 3\text{dB}$)
- $\pm 50\text{ g}$ Range
- 18 to 28 VDC Supply Voltage
- 0.5 to 8 mA Constant Current
- 8-12 VDC Bias Voltage
- 0.1 mg Max Electrical Noise
- 2.5 Second Settling Time

Environmental Specifications

- -55 to 140°C Operating Temperature
- 5,000 g Shock Limit
- UKCA and CE Approved

Physical Specifications

- 132x38x25mm Sensor Body
- 235 g Sensor Weight
- Stainless Steel Case and Magnet
- $\frac{1}{4}$ -28 Sensor and Magnet Threads
- PUR Cable Jacket
- 4 Pin Bayonet Connector for Sensor Connection
- 6 Pin Fischer for dBX Connection
- Refer to CMCP1300T For Sensor
- Refer to CMCP-MB10 For Magnet

Ordering Information

CMCP4370K

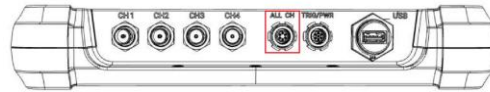
Low Cost Triaxial Accelerometer Kit, Includes Coiled Cable and Magnet

CMCP4370K-B

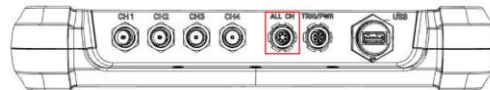
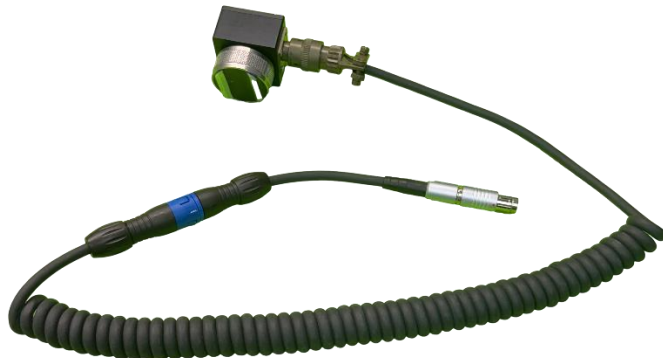
Low Cost Triaxial Accelerometer Kit, Includes Coiled Cable and Magnet with Breakaway



CMCP4370K



CMCP4370K-B Triaxial Accelerometer Kit with Safety Breakaway



STI Notes:

Kit Includes 1x CMCP1300T, 1x CMCP667S-6PINF-4PB-06-00 and 1x CMCP-MB10



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

Accelerometer Cables

CMCP5209

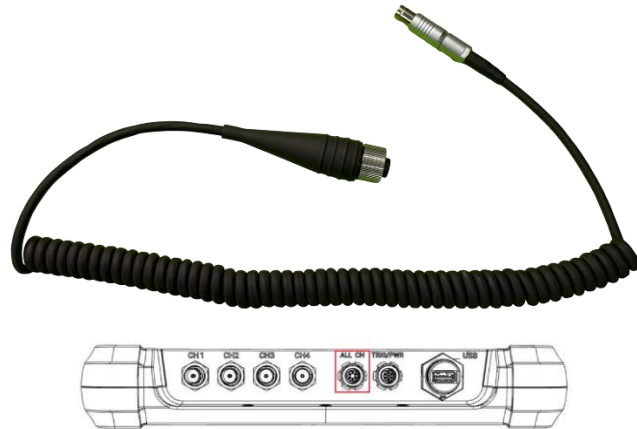
Coiled Cable for Single Axis Accelerometers with MS 5015 Connector

The CMCP5209 coiled cable connectors to the CH ALL input on the dBX and has a 2 socket MS 5015 (MIL 5015) connector on the other end for use with standard accelerometers. Cables are available in either 6' (1.8m) or 10' (3m) extended lengths and can also be supplied with a safety breakaway.

Specifications

- 6 Positions Male Fischer for dBX ALL CH Port
- 2 Socket MS 5015, Size 10S, for Sensor Side
- 6', 10' or 20' Extended Lengths (1.8, 3 or 6m)
- With or Without Safety Breakaway
- TPU Jacketed Cable
- Rated to 120°C

CMCP5209 Without Safety Breakaway Option



CMCP5209-06S With Safety Breakaway Option



Ordering Information

CMCP5209	6' (1.8m) Extended Coiled Cable, 6 Pin Fischer to MS 5015
CMCP5209-06S	6' (1.8m) Extended Coiled Cable, 6 Pin Fischer to MS 5015, with Safety Breakaway
CMCP5209-10	10' (3m) Extended Coiled Cable, 6 Pin Fischer to MS 5015
CMCP5209-10S	10' (3m) Extended Coiled Cable, 6 Pin Fischer to MS 5015 with Safety Breakaway
CMCP5209-20	20' (6m) Extended Coiled Cable, 6 Pin Fischer to MS 5015
CMCP5209-20S	20' (6m) Extended Coiled Cable, 6 Pin Fischer to MS 5015 with Safety Breakaway

STI Vibration Monitoring Inc.
1010 East Main Street
League City, Texas 77573

Phone: +(281) 334-0766
Website: <https://stiweb.com>



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP9100

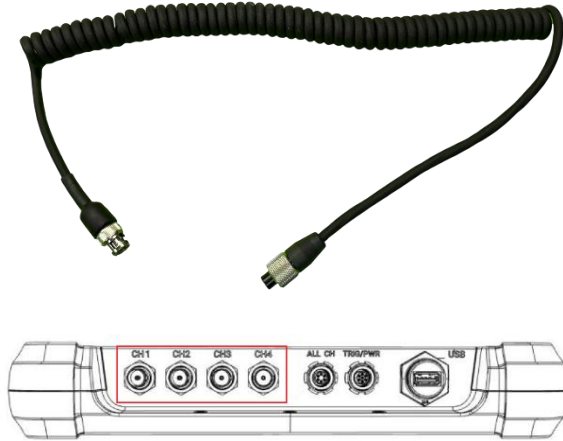
Coiled Cable for Single Axis Accelerometers with 2 Pin MS Connector to BNC Connector for dBX.

The CMCP9100 coiled cable connects to the BNC inputs on the dBX and has a 2 Pin MS 5015 Locking Collar on the other end for use with standard accelerometers featuring an MS connector. Cables are available in either 6' (1.8m) or 10' (3m) extended lengths and can also be supplied with a safety breakaway.

Specifications

- Male BNC for dBX Side
- 2 Pin MS 5015 Locking Collar for Sensor Side
- 6', 10' or 20' Extended Lengths (1.8, 3 or 6m)
- With or Without Safety Breakaway
- TPU Jacketed Cable
- Rated to 120°C

CMCP9100
Without Safety Breakaway Option



CMCP9100-06S
With Safety Breakaway Option



Ordering Information

CMCP9100	6' (1.8m) Extended Coiled Cable, Male BNC to 2 Pin MS 5015 Connector
CMCP9100-06S	6' (1.8m) Extended Coiled Cable, Male BNC to 2 Pin MS Connector, with Safety Breakaway
CMCP9100-10	10' (3m) Extended Coiled Cable, Male BNC to 2 Pin MS 5015 Connector
CMCP9100-10S	10' (3m) Extended Coiled Cable, Male BNC to 2 Pin MS Connector, with Safety Breakaway
CMCP9100-20	20' (6m) Extended Coiled Cable, Male BNC to 2 Pin MS 5015 Connector
CMCP9100-20S	20' (6m) Extended Coiled Cable, Male BNC to 2 Pin MS Connector, with Safety Breakaway



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP9110

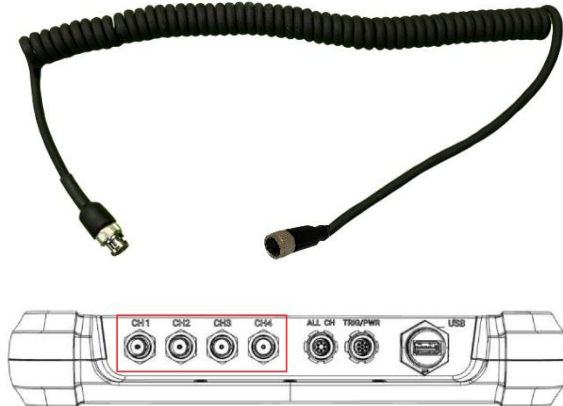
Coiled Cable for Single Axis Accelerometers with M12 to BNC Connector for dBX.

The CMCP9110 coiled cable connectors to the BNC inputs on the dBX and has a 4 position M12 connector on the other end for use with standard accelerometers featuring an M12 connector. Cables are available in either 6' (1.8m) or 10' (3m) extended lengths and can also be supplied with a safety breakaway.

Specifications

- Male BNC for dBX Side
- 4 Position M12 Female for Sensor Side
- 6', 10' or 20' Extended Lengths (1.8, 3 or 6m)
- With or Without Safety Breakaway
- TPU Jacketed Cable
- Rated to 120°C

CMCP9110
Without Safety Breakaway Option



CMCP9110
With Safety Breakaway Option



Ordering Information

CMCP9110	6' (1.8m) Extended Coiled Cable, Male BNC to M12
CMCP9110-06S	6' (1.8m) Extended Coiled Cable, Male BNC to M12, with Safety Breakaway
CMCP9110-10	10' (3m) Extended Coiled Cable, Male BNC to M12
CMCP9110-10S	10' (3m) Extended Coiled Cable, Male BNC to M12, with Safety Breakaway
CMCP9110-20	20' (6m) Extended Coiled Cable, Male BNC to M12
CMCP9110-20S	20' (6m) Extended Coiled Cable, Male BNC to M12, with Safety Breakaway



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP5209T

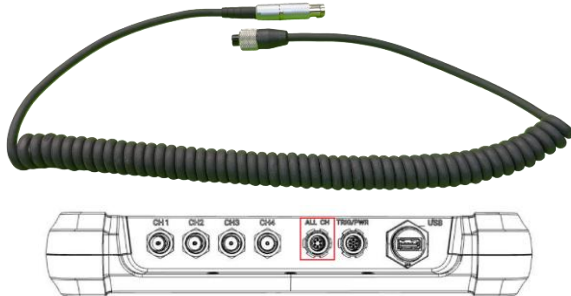
Coiled Cable for Triaxial Accelerometers with M12 Connectors, 6 Pin Fischer 103 for dBX.

The CMCP5209T coiled cable connectors to the CH ALL port on the dBX and has a 4 Pin M12 connector on the other end for use with triaxial accelerometers. Cables are available in either 6' (1.8 m) or 10' (3 m) extended lengths and can also be supplied with a safety breakaway.

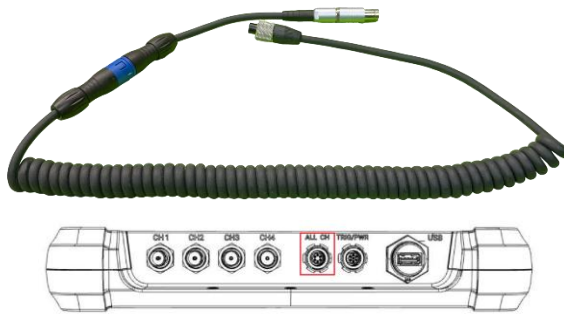
Specifications

- 6 Pin Fischer 103 for dBX ALL CH Port
- 4 Position M12 for Sensor
- 6', 10' or 20' Extended Lengths (1.8, 3 or 6 m)
- With or Without Safety Breakaway
- TPU Jacketed Cable
- Rated to 120°C

CMCP5209T
Without Safety Breakaway Option



CMCP5209T-S
With Safety Breakaway Option



Ordering Information

CMCP5209T	6' (1.8m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax
CMCP5209T-06S	6' (1.8m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax, with Safety Breakaway
CMCP5209T-10	10' (3m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax
CMCP5209T-10S	10' (3m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax with Safety Breakaway
CMCP5209T-20	20' (6m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax
CMCP5209T-20S	20' (6m) Extended Coiled Cable, 6 Pin Fischer to M12 Triax with Safety Breakaway



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP5093

Coiled Cable, Male BNC to Male BNC Connector

The CMCP5093 coiled cable connects to the CH ALL input on the dBX and has a male BNC connector on the other end for use with BNC connectors, such as buffered output connectors. Cables are available in either 6' (1.8 m) or 10' (3 m) extended lengths and can also be supplied with a safety breakaway.

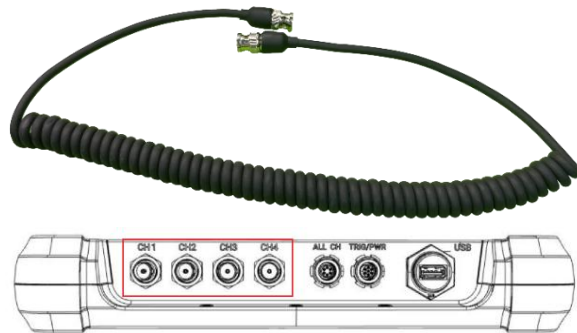
Specifications

- Male BNC for dBX CH ALL Input
- Male BNC for Sensor Signal Side
- 6' or 10' Extended Lengths (1.8 or 3 m)
- With or Without Safety Breakaway
- TPU Jacketed Cable
- Rated to 120°C

Ordering Information

CMCP5093	6' (1.8m) Extended Coiled Cable, Male BNC to Male BNC
CMCP5093-06S	6' (1.8m) Extended Coiled Cable, Male BNC to Male BNC, with Safety Breakaway
CMCP5093-10	10' (3m) Extended Coiled Cable, Male BNC to Male BNC
CMCP5093-10S	10' (3m) Extended Coiled Cable, Male BNC to Male BNC, with Safety Breakaway

CMCP5093



CMCP5088

Straight Cable for Accelerometer Signals

The CMCP5088 is a heavy-duty straight cable that connects the ALL port on the dBX to a BNC connector.

Specifications

- 6 Positions Male Fischer 103 for dBX Side
- Male BNC for Sensor Side
- 2 m, 5 m and 10 m Cable Lengths
- TPU Jacketed Cable
- Rated to 120°C

Ordering Information

CMCP5088	2 m 6 Pin Fischer 103 to Male BNC Cable Assembly
CMCP5088-5M	5 m 6 Pin Fischer 103 to Male BNC Cable Assembly
CMCP5088-10M	10m 6 Pin Fischer 103 to Male BNC Cable Assembly

CMCP5088





STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP5023

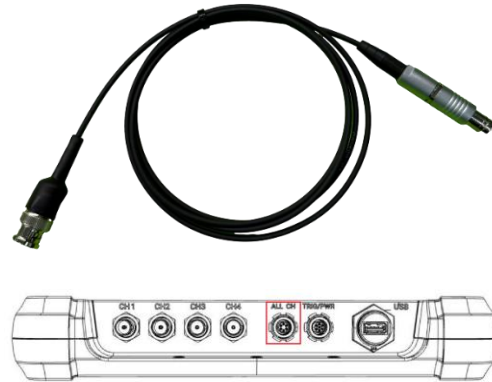
Lightweight Signal Input Cable

The CMCP5023 features an ultra-lightweight cable with a 6 Pin Fischer 103 for the dBX and a Male BNC for the sensor end. The cable is typically used with modal analysis hammer kits.

Specifications

- 6 Positions Male Fischer 103 for dBX
- Male BNC for Sensor Side
- 1m Overall Length
- TPU Jacketed Cable
- Rated to 120°C

CMCP5023



Ordering Information

CMCP5023

Lightweight Signal Input Cable, 6 Pin Fischer 103 to Male BNC

CMCP5036

6 Pin Fischer Extension Cable

The CMCP5036 is a 6 position Fischer 103 male to female extension cable for extending the length of cables.

Specifications

- 6 Positions Male Fischer 103 for dBX ALL CH
- 6 Position Female Fischer 103 for Sensor Side
- 2 m, 5 m and 10 m Cable Lengths
- TPU Jacketed Cable
- Rated to 120°C

CMCP5036



Ordering Information

CMCP5036

5 m 6 Pin Fischer Extension Cable

CMCP5036-10M

10 m 6 Pin Fischer Extension Cable

CMCP5036-20M

20 m 6 Pin Fischer Extension Cable

Tachometer Cables

CMCP5211

Straight Cable for Tachometer Signals

The CMCP5211 is a heavy-duty straight cable that connects BNC tachometer signals to the 7 Pin Fischer input.

Specifications

- 7 Positions Male Fischer 103 for dBX
- Male BNC for Sensor Side
- For Tachometer Signals
- Wired For Signal and 0V
- 1.2 m, 5 m and 10 m Cable Lengths
- TPU Jacketed Cable
- Rated to 120°C

CMCP5211



Ordering Information

CMCP5211	1.2 m 7 Pin Fischer 103 to Male BNC Cable Assembly
CMCP5211-5M	5 m 7 Pin Fischer 103 to Male BNC Cable Assembly
CMCP5211-10M	10 m 7 Pin Fischer 103 to Male BNC Cable Assembly

CMCP5214

Straight Cable for dBX Powered Tachometer Signals

The CMCP5214 is a heavy-duty straight cable for sensors which require power from the dBX and have a M12 connector, such as the CMCP242, CMCP244 or CMCP5030K.

Specifications

- 7 Positions Male Fischer 103 for dBX Side
- M12 Connector for Sensor Side
- For Powered Tachometers
- Wired For Signal, 0V, Power
- 2m, 5m and 10m Cable Lengths
- TPU Jacketed Cable
- Rated to 120°C

CMCP5214



Ordering Information

CMCP5214	2 m 7 Pin Fischer 103 to M12 Connector
CMCP5214-5M	5 m 7 Pin Fischer 103 to M12 Connector
CMCP5214-10M	10 m 7 Pin Fischer 103 to M12 Connector



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP5044

7 Pin Fischer Extension Cable

The CMCP5044 is a 7-position Fischer 103 male to female extension cable for extending the length of cables.

Specifications

- 7 Positions Male Fischer 103 for dBX
- 7 Position Female Fischer 103 for Sensor Side
- Wired For Tachometer Signals
- 2 m, 5 m and 10 m Cable Lengths
- TPU Jacketed Cable
- Rated to 120°C

CMCP5044



Ordering Information

CMCP5044	5 m 7 Pin Fischer Extension Cable
CMCP5044-10M	10 m 7 Pin Fischer Extension Cable
CMCP5044-20M	20 m 7 Pin Fischer Extension Cable

CMCP5030K

Laser Tachometer Kit

The CMCP5030K laser tachometer kit contains a small laser tachometer, mounting bracket, tripod, reflective tape and 2 m sensor extension cable. The cable provided will plug into the dBX's tachometer port and the sensor can measure up to 2 m away from the target.

CMCP5030K



Specifications

- 250,000 r/min Max Speed
- 2 m Sensing Range
- 80° Angle of Operation
- On Target Indicator
- IP67
- Stainless Steel Body
- Class 2 Laser

Ordering Information

CMCP5030K	Laser Tachometer Kit
------------------	----------------------

Misc. Adapters

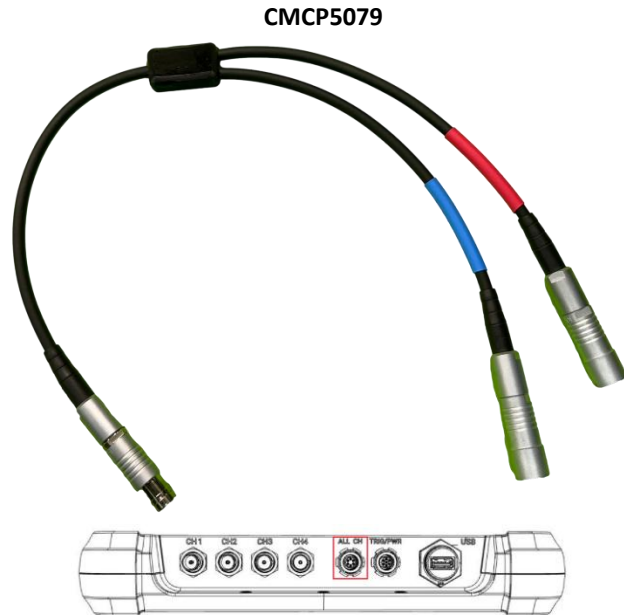
CMCP5079

2 Way Splitter Cable, Straight

The CMCP5079 cable connects to the CH ALL port on the Microlog dBX and provides two separate input connectors.

Specifications

- 6 Positions Male Fischer 103 for dBX Side
- Two 6 Position Female Fischer 103 Sockets
- 1.5' (45cm) Overall Length
- Color Coded Connectors



Ordering Information

CMCP5079	ALL Port Splitter Cable, Channels 1 and 4 (Red and Green)
CMCP5079-1-2	ALL Port Splitter Cable, Channels 1 and 2 (Red and Blue)
CMCP5079-3-4	ALL Port Splitter Cable, Channels 3 and 4 (White and Green)

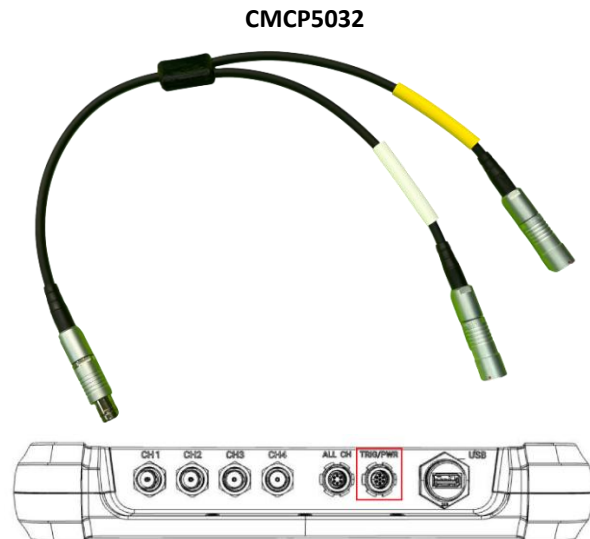
CMCP5032

Power/Trigger Splitter Cable

The CMCP5032 cable allows the dBX to be connected to a tachometer and power simultaneously.

Specifications

- One 7 Positions Male Fischer 103 for dBX Side
- Two 7 Position Female Fischer 103 for Sensor/Power Side
- 12" (30 cm) Overall Length
- TPU Jacketed Cable
- Rated to 120°C



Ordering Information

CMCP5032	Power/Trigger Splitter Cable
-----------------	------------------------------



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP665S-6PINF-MBNC-0.5-00

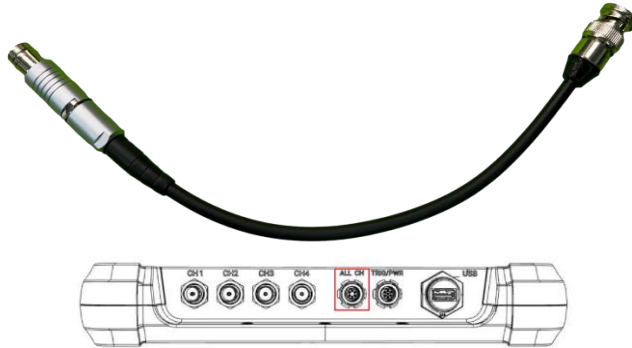
6 Pin Fischer to Male BNC Adapter

The CMCP converts the 6 Pin Fischer connector to a universal male BNC connector.

Specifications

- One 6 Positions Male Fischer 103 for dBX Side
- One Male BNC for Sensor Side
- 8" (20 cm) Overall Length
- TPU Jacketed Cable
- Rated to 120°C

CMCP665S-6PINF-MBNC-0.5-00



Ordering Information

CMCP665S-6PINF-MBNC-0.5-00

6 Pin Fischer to Male BNC Adapter, 8" length

CMCP665S-6PINF-FBNC-0.5-00

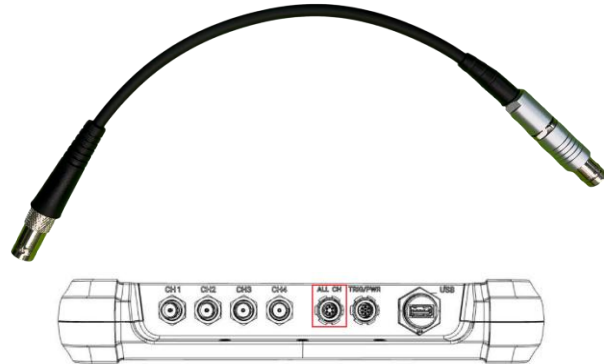
6 Pin Fischer to Female BNC Adapter

The CMCP converts the 6 Pin Fischer connector to a universal female BNC connector.

Specifications

- One 6 Positions Male Fischer 103 for dBX Side
- One Female BNC for Sensor Side
- 8" (20 cm) Overall Length
- TPU Jacketed Cable
- Rated to 120°C

CMCP665S-6PINF-FBNC-0.5-00



Ordering Information

CMCP665S-6PINF-MBNC-0.5-00

6 Pin Fischer to Male BNC Adapter, 8"



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP665S-MBNC-6PINR-0.5.00

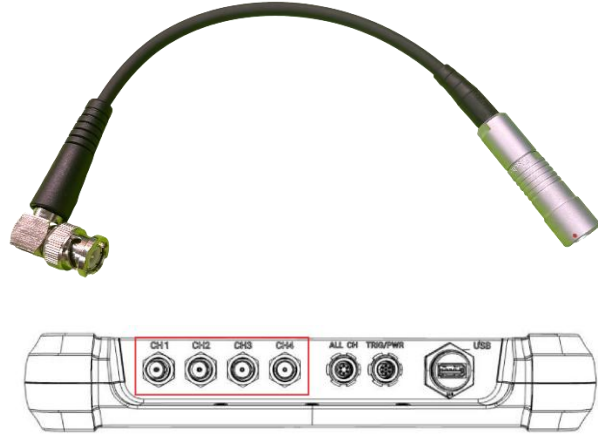
Side Exit Male BNC to 6 Position Fischer
Receptacle Adapter

The Adapter converts the 6 Pin Fischer connector to a side exit (right angle) universal male connector to relieve stress on the connector at the dBX.

Specifications

- 6 Pos. Fischer Socket
- Side Exit Male BNC for dBX
- 8" (20 cm) Overall Length
- TPU Jacketed Cable
- Rated to 120°C

CMCP665S-MBNC-6PINR-0.5-00



Ordering Information

CMCP665S-MBNC-6PINR-0.5-00 Side Exit Male BNC to 6 Position Fischer Adapter Cable

CMCP665S-RMBNC-FBNC-0.5-00

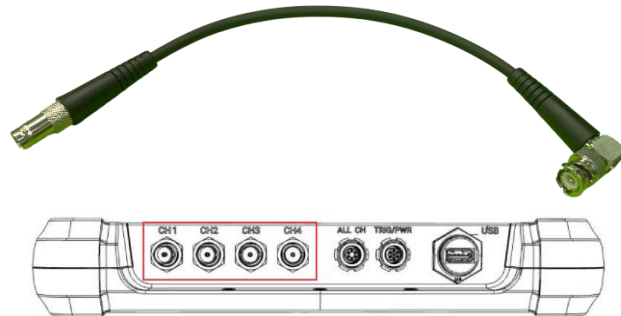
Side Exit Male BNC to Female BNC Adapter Cable

The right angle BNC connector relieves stress at the dBX.

Specifications

- One Side Exit Male BNC
- Once Female BNC
- 8" (20 cm) Overall Length
- TPU Jacketed Cable
- Rated to 120°C

CMCP665S-RMBNC-FBNC-0.5.00



Ordering Information

CMCP665S-RMBNC-FBNC-0.5-00 7 Pin Fischer to Male BNC Adapter, 8" length

CMCP3715

2 Pin MIL to BNC Adapter

The CMCP3715 adapter allows the dBX to connect to any female BNC connector, this is useful for cases where BNC buffered outputs, switch boxes or other signal sources exist.

Specifications

- Two Pin MIL to BNC
- 3.35" (8.5 cm) Overall Length



CMCP3715

Ordering Information

CMCP3715 2 Pin MIL to BNC Adapter

STI Vibration Monitoring Inc.
1010 East Main Street
League City, Texas 77573

Phone: +(281) 334-0766
Website: <https://stiweb.com>

Magnetic Bases

CMCP-MB03

Heavy Duty Magnetic Base, 2 Pole for Curved Surfaces

The CMCP-MB03 heavy duty 2 pole magnet is designed for heavier sensors such as triaxial accelerometers and comes with a 1/4-28 UNF threaded mounting hole.

Specifications

- 35 mm (1.4") Overall Diameter
- 33 mm (1.3") Overall Height
- 1/4-28 UNF Mounting Hole
- 35 kg (77 lb) Pull Strength
- Stainless Steel Body



CMCP-MB03

Ordering Information

CMCP-MB03 Heavy Duty Magnetic Base

CMCP-MB10

Medium Duty Magnetic Base, 2 Pole for Curved Surfaces

The CMCP-MB10 is a medium strength magnetic base designed for industrial vibration sensors. The low profile magnet comes with a 1/4-28 UNF threaded hole, compatible with any CMCP700 series accelerometer.

Specifications

- 35 mm (1.38") Overall Diameter
- 19 mm (0.75") Overall Height
- 1/4-28 UNF Mounting Hole
- 23 kg (50lb) Pull Strength
- Stainless Steel Body



CMCP-MB10

Ordering Information

CMCP-MB10 Medium Duty Magnetic Base



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP-MB02

Light Duty Magnetic Base, 2 Pole for Curved Surfaces

The CMCP-MB02 light duty 2 pole magnet is designed for smaller sensors and comes with a 1/4-28 UNF threaded mounting hole.



CMCP-MB02

Specifications

- 25mm (1.0") Overall Diameter
- 23mm (0.9") Overall Height
- 1/4-28 UNF Mounting Hole
- 18kg (40lb) Pull Strength
- Stainless Steel Body

Ordering

Information

CMCP-MB02 Light Duty Magnetic Base

Accelerometers

CMCP770A

Compact Top Entry Accelerometer

The CMCP770A is a low-cost compact accelerometer with a high frequency response.

Specifications

- 100mV/g $\pm 10\%$ Output
- 0.8Hz to 19kHz Frequency Response
- -55 to 150°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty



CMCP770A

Ordering

Information

CMCP770A Compact Top Entry Accelerometer, 100mV/g



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP788A

Premium Top Entry Accelerometer

The CMCP788A is a premium top entry multi-purpose accelerometer.

Specifications

- 100mV/g $\pm 5\%$ Output
- 0.5Hz to 12kHz Frequency Response
- -55 to 150°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty



CMCP788A

Ordering

Information

CMCP788A Premium Top Entry Accelerometer, 100mV/g

CMCP788A-LF

Low Frequency Top Entry Accelerometer

The CMCP788A-LF is a premium low frequency accelerometer with a 500mV/g output.

Specifications

- 500mV/g $\pm 5\%$ Output
- 0.2Hz to 15kHz Frequency Response
- -55 to 140°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty



CMCP788A-LF

Ordering

Information

CMCP788A-LF Premium Top Entry Low Frequency Accelerometer, 500mV/g



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP780A

Compact Side Entry Accelerometer, Low Profile

The CMCP780A is a low-cost compact accelerometer with a high frequency response.

Specifications

- 100mV/g $\pm 10\%$ Output
- 0.8Hz to 19kHz Frequency Response
- -55 to 150°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty

Ordering

Information

CMCP780A

Compact Side Entry Accelerometer, 100mV/g



CMCP770A

CMCP787A

Premium Side Entry Accelerometer, Low Profile

The CMCP787A is a premium side exit accelerometer for general purpose measurements.

Specifications

- 100mV/g $\pm 5\%$ Output
- 0.5Hz to 12kHz Frequency Response
- -55 to 150°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty

Ordering

Information

CMCP787A

Premium Side Entry Accelerometer, 100mV/g



CMCP787A



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP787A-LF

Low Frequency Side Entry Accelerometer, Low Profile

The CMCP787A-LF is a premium low frequency accelerometer with a 500mV/g output.

Specifications

- 500 mV/g $\pm 5\%$ Output
- 0.2 Hz to 15 kHz Frequency Response
- -55 to 140°C Temperature Range
- 2 Pin MS 5015 Connector
- 1 Second Setting Time
- Lifetime Warranty

Ordering

Information

CMCP787A-LF

Premium Top Entry Low Frequency Accelerometer, 500mV/g



CMCP787A-LF

Triaxial Accelerometer

CMCP760T

Low Profile Triaxial Accelerometer

The CMCP760T is a low profile triaxial accelerometer with M12 connector. It provides 3 outputs to speed up data collection.

Specifications

- 100mV/g $\pm 5\%$ Output
- 0.8Hz to 15kHz Frequency Response
- -55 to 150°C Temperature Range
- 4 Pin M12 Connector
- 1 Second Setting Time
- Lifetime Warranty

Ordering Information CMCP760T

Low Profile Triaxial Accelerometer



CMCP760T

CMCP1300T

Low Cost Lightweight Triaxial Accelerometer

The CMCP1300T is a low cost triaxial accelerometer with a lightweight case, weighing only 85 grams.

Specifications

- 100 mV/g $\pm 10\%$ Output
- 0.32 Hz to 10 kHz Frequency Response
- -54 to 85°C Temperature Range
- 4 Pin Bayonet Connector
- 2.5 Second Setting Time
- Lifetime Warranty

Ordering Information CMCP1300T

Low Cost Lightweight Triaxial Accelerometer



CMCP1300T

Mounting Hardware

CMCP200E

Mounting Pad for Adhesive Mount

Standard 316 stainless steel mounting pad for adhesive mounting. This pad ensures the sensor will be mounted properly to provide quality data.

Specifications

- 25mm (1.0") Diameter
- 9.5mm (0.375") Height
- 1/4-28 UNF Threaded Hole
- Rind around base for adhesive



CMCP200E

Ordering

Information

CMCP200E Adhesive Mounting Pad, 1/4-28 UNF

CMCP200MK-E

Keyed Target for Magnetic Mounts

Ensure proper sensor orientation with these keyed mounting targets. The targets are made from 416 stainless steel for magnets and have a keyway that fits between the poles on our magnets, ensuring the sensor is placed in the same spot for each measurement.

Specifications

- 30mm (1.2") Diameter
- 3.8mm (0.15") Overall Height
- 416 Stainless Steel
- Key For Magnet Alignment



CMCP200MK-E

Ordering

Information

CMCP200MK-E Keyed Target for Magnetic Mounts, Adhesive Mount



STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

CMCP270L-01-T

1.125" Spot Facing Kit

The CMCP270L provides the tools necessary to create the ideal flat spot on the machine to mount an accelerometer on. The kit includes a 1.125" spot facer, adjustable drill bit, tap and tap handle.



CMCP270L-01-T

Specifications

- 1.125" Spot Facer
- Adjustable Depth Drill Bit
- Includes Tap Handle

Ordering

Information

CMCP270L-01-T 1.125" Spot Facer Kit

Data Collector Poles



DCPF Series

Data Collector Poles

Our Data Collector Pole offers the user the ability to stay on the ground, to collect the important data required to make decisions, about their machinery health and reliability. The Pole and Head Assembly are designed to be lightweight and functional. The

Specifications

- 180° Flex Lock Head
- ½" 5/8", ¾", 7/8" and 1.0" Bushings Included
- Extends from 2' to 22'
- Works with Coiled Cable Assemblies
- Fiberglass Pole
- Rated to 400°C
- Reduces Need for a Safety Harness

DCPF Series Flex Lock Head





STI Vibration Monitoring Inc.
An ISO 9001:2015 Certified Company

Condition Monitoring Custom Products

Ordering Information

DCPF 23	2' to 2.5' Extension Pole
DCPF 47	4' to 7' Extension Pole
DCPF 611	6' to 11' Extension Pole
DCPF 814	8' to 14' Extension Pole
DCPF 822	8' to 22' Extension Pole



1. The Flex-Lok Head Assembly comes standard with locking plunger pin, to fix head position. There are five available locking positions in the 180° span.



2. The head assembly can be locked by grasping the plunger pin lever and pulling it directly outward.



3. With plunger pin pulled outward, turn the lever counter-clockwise from the 12 o'clock position down to 6 o'clock.



4. At the 6 o'clock position, release the plunger pin lever and allow the plunger spring to lock into the chosen position of the head.

Step 1:



Pull the Lanyard Loop Over the Red Silicone Bushings

Step 2:



Pull all of the Bushings off of the Lanyard

Step 3:



Slide the Correct Size Bushing over the Accelerometer

Step 4:



Find the Hex Wrench, supplied with each Pole and loosen the Head Assembly

Step 5:



Press the accelerometer, with the Bushing attached, back through the Head Assembly

Step 6:



Tighten the Head Assembly after Inserting the Accelerometer and Bushings

Step 7:



Attach Magnet to Accelerometer

Step 8:



Attach Cable Assembly by pressing 2-pin mil Right Angle Connector to Accelerometer and turn Connection ring until tight

Step 9:



Make sure the Velcro is wrapped around the Cable to help support it