

OVERVIEW

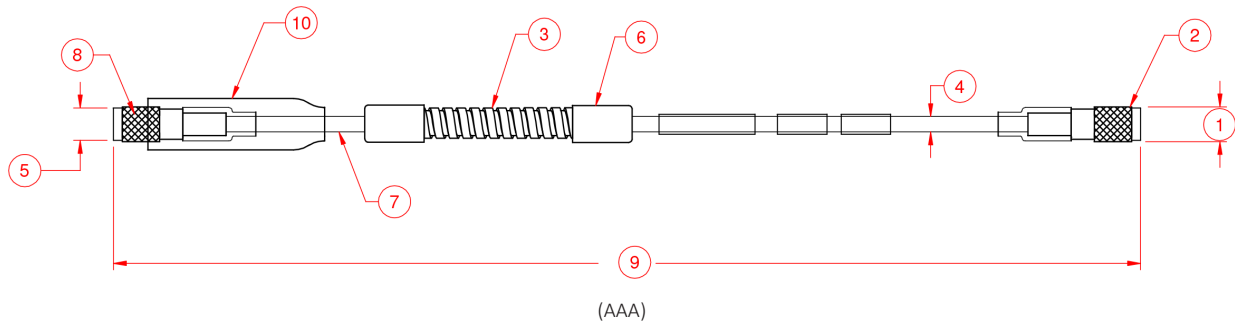
Metrix* MX2031 extension cables are available with and without protective armor. They are compatible with all Metrix MX2030 series 5mm & 8mm probe systems, and Bently Nevada** (BN) 3300 / 3300XL 5mm & 8mm probe systems.

All Metrix MX2031 extension cables are part of the 10000 series part number designation for agency approvals. The 10000 series P/N will appear on the product's label along with the MX2031 p/n. e.g. MX2031-AAA-BB-CC = 10200-AAA-BB-CC.



MX2031-AAA-BB-CC (5mm/8mm Extension Cable)						
A	A	A	Cable Length	B	B	Cable Armor
0	3	0	3.0 meters	0	0	No Armor
0	3	5	3.5 meters	0	1	Armor
0	4	0	4.0 meters	0	1PVC	Armor with PVC Jacket
0	4	5	4.5 meters	C	C	Approvals*
0	6	0	6.0 meters	0	0	None
0	6	5	6.5 meters	0	5	CSA, ATEX, IECEx
0	7	0	7.0 meters			
0	7	5	7.5 meters			
0	8	0	8.0 meters			
0	8	5	8.5 meters			

*For SIL approval, replace the first character in Option CC with an "S". Agency approvals for Armor with PVC Jacket are "pending".



MX2031 Extension Cable

NOTES:

- 6.86mm (0.270") max. outside diameter.
- Miniature male coaxial connector, round, knurled.
- Optional cable protective armor (option BB=01) – 6.99mm (0.275") max. outside diameter. Armor length is 305mm (12.0") less than cable length. Armor material is 304 stainless steel.
- 75Ω cable – 2.79mm (0.110") max. outside diameter.
- 6.86mm (0.270") max. outside diameter.
- Armor ferrule is 303 stainless steel. 8.89mm (0.350") max. outside diameter.
- Ethylene-tetrafluoroethylene (ETFE) insulated coaxial cable.
- Miniature female coaxial connector, round, knurled.
- Total length (option AAA), + 25%, -0%.
- Fluorosilicone connector insulator boot. 13mm (0.51") max. outside diameter 50mm (2.00") max. length. Insulator boot is not designed to seal against moisture ingress. It is provided for electrical insulation of connectors from inadvertent contact with conduit, junction boxes, and other metal objects.

Note: Metrix is continuously improving our products. Please refer to our website to download the latest version of this datasheet.

SAFETY INTEGRITY LEVEL

SIL is a method or measurement unit to determine the reliability of electrical, electronic and programmable systems. The purpose of the SIL certification is to measure safety system performance and the likelihood of failure. Achieving SIL certification, based on the IEC61508 Functional Safety Standard, signifies that the product has been thoroughly assessed and is a reliable electronic device ready to use across a wide range of industries.

Metrix DPS products have been thoroughly evaluated by an independent third party agency on the basis of IEC61508 Functional Safety standards to obtain SIL certification.

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