
Section J

Cable Terminators

Pirelli Connectors

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CMP Connectors

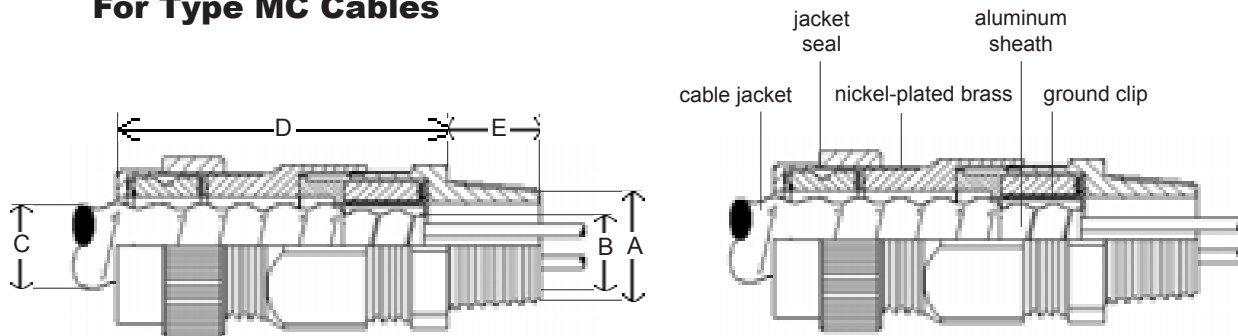
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Cable Terminators

Specification
416MC

416MC SERIES

**Rain Tight Connectors
Non-Hazardous Environment
For Type MC Cables**



Catalog No.	NPT Hub Size (A) Inch	Cable Diameters				Connector Dimensions		Weight Lbs
		Overall Armor (B)		Overall (C)		Protrusion Length (D) Inch	Hub Length (E) Inch	
		Min. Inch	Max. Inch	Min. Inch	Max. Inch			
416MC02	1/2	.46	.50	.56	.62	1.93	.54	.40
416MC03	3/4	.49	.59	.51	.76	2.20	.63	.60
		.58	.68	.51	.76			
416MC04	1	.65	.78	.67	1.05	2.40	.75	.75
		.76	.89	.67	1.05			
416MC05	1 1/4	.87	1.01	.95	1.30	2.64	.79	1.20
		.99	1.14	.95	1.30			
416MC06	1 1/2	1.10	1.24	1.14	1.44	2.68	.81	1.50
		1.22	1.35	1.14	1.44			
416MC07	2	1.32	1.44	1.36	1.65	2.56	.85	1.60
		1.42	1.54	1.36	1.65			
416MC08	2 1/2	1.51	1.82	1.55	2.22	3.74	1.26	4.95
		1.80	2.08	1.55	2.22			
416MC09	3	2.07	2.42	2.11	2.85	3.90	1.23	5.25
		2.40	2.70	2.11	2.85			
416MC10	3 1/2	2.90	3.07	2.76	3.52	4.35	1.38	7.95
		3.04	3.35	2.76	3.52			

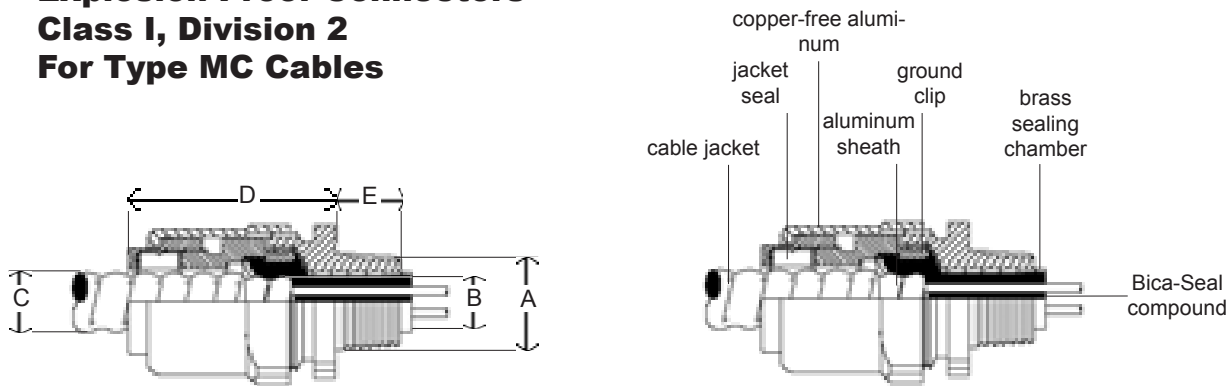
Cable Terminators

Application:
MC series rain tight connectors provide efficient, cost effective terminations of corrugated metal-clad cable, whether continuous corrugated or interlocked construction. Rain tight connectors are UL approved for use in the most severe outdoor environments.

- Features:**
- All nickel-plated brass construction.
 - Wide range of cables per connector.
 - Continuity clip for efficient grounding.
 - Quick three-step installation.
 - Water and dust-proof barrier.
 - Nickel-plated brass construction virtually indestructible.

424CU SERIES

**Explosion Proof Connectors
Class I, Division 2
For Type MC Cables**



Catalog No.	NPT Hub Size (A) Inch	Cable Diameters				Connector Dimensions		Weight Lbs
		Overall Armor (B)		Overall (C)		Protrusion Length (D) Inch	Hub Length (E) Inch	
		Min. Inch	Max. Inch	Min. Inch	Max. Inch			
424CU02	1/2	.30	.57	.35	.63	1.85	.54	.50
424CU03	3/4	.47	.68	.51	.76	2.08	.55	.50
424CU04	1	.63	.94	.67	1.05	2.08	.69	.75
424CU05	1 1/4	.83	1.14	.97	1.30	2.16	.71	1.25
424CU06	1 1/2	1.02	1.54	1.14	1.65	2.16	.77	1.75
424CU07	2 1/2	1.48	2.00	1.61	2.10	2.24	1.14	2.25
424CU08	3	1.81	2.26	1.96	2.44	2.83	1.20	4.25
424CU09	3 1/2	2.16	2.81	2.32	2.94	2.91	1.20	5.50

Approvals and Acceptance:

Underwriters Laboratories

Listed for use in Hazardous locations

Class I	Division 2	Groups A & B*
Class I	Division 2	Groups C & D
Class II	Division 2	Groups E, F & G
Class III	---	---

* 1/2 and 3/4 inch hub sizes

Canadian Standards Association

Approved for use in hazardous locations

Class I	Divisions 1 & 2	Groups A, B, C & D
Class II	Divisions 1 & 2	Groups E, F & G
Class III	---	---

Features:

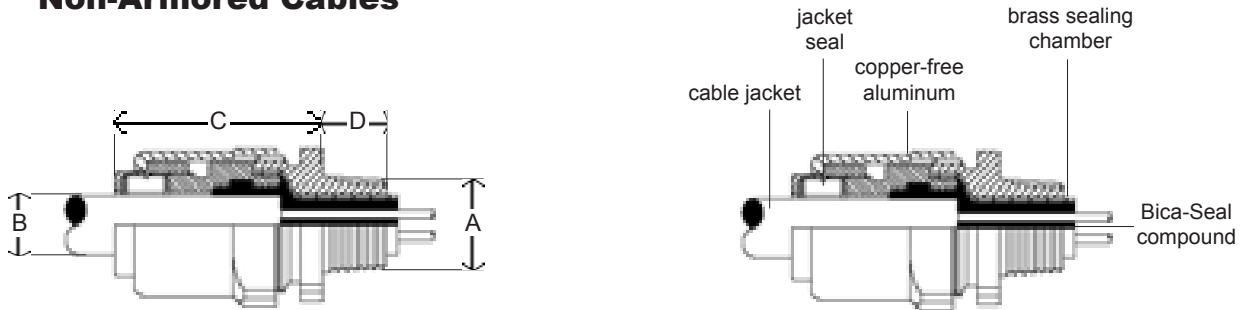
- Exterior components — aluminum.
- Interior components — nickel-plated brass.
- Built-in sealing chamber.
- Sealing compound extrudes from inside out.
- No voids in seal.
- Seal completely encapsulates cable core.
- Only eight sizes accommodate a wide range of cable sizes.
- Built-in free-running hub allows for disconnect and reconnect without affecting integrity of seal.
- Use of European-grade copper-free aluminum and/or nickel-plated brass minimizes any potential corrosion.
- Effective 360° ground connection to armor.

Option: All nickel-plated brass components (424NB).
Meets requirements of American Bureau of Shipping.

Specification
424UN

424UN SERIES

Explosion Proof Connectors
Class I, Division 2
Non-Armored Cables



Catalog No.	NPT Hub Size (A) Inch	Cable Diameters Overall Jacket (B)		Connector Dimensions		Weight Lbs
		Min. Inch	Max. Inch	Protrusion Length (C) Inch	Hub Length (D) Inch	
424UN02	1/2	.35	.62	1.85	.54	.50
424UN03	3/4	.51	.76	1.96	.55	.50
424UN04	1	.67	1.06	2.08	.69	.75
424UN05	1 1/4	.95	1.26	2.16	.71	1.25
424UN15	1 1/2	.95	1.26	2.16	.73	1.25
424UN06	2	1.14	1.65	2.32	.77	1.75
424UN07	2 1/2	1.61	2.08	2.24	1.14	2.25
424UN08	3	1.96	2.42	2.83	1.20	4.25
424UN09	3 1/2	2.15	2.91	2.91	1.20	5.50

Cable Terminators

Approvals and Acceptance:

Underwriters Laboratories

Listed for use in Hazardous locations

Class I	Division 2	Groups A & B*
Class I	Division 2	Groups C & D
Class II	Division 2	Groups E, F & G
Class III	---	---

* 1/2 and 3/4 inch hub sizes

Canadian Standards Association

Approved for use in hazardous locations

Class I	Divisions 1 & 2	Groups A, B, C & D
Class II	Divisions 1 & 2	Groups E, F & G
Class III	---	---

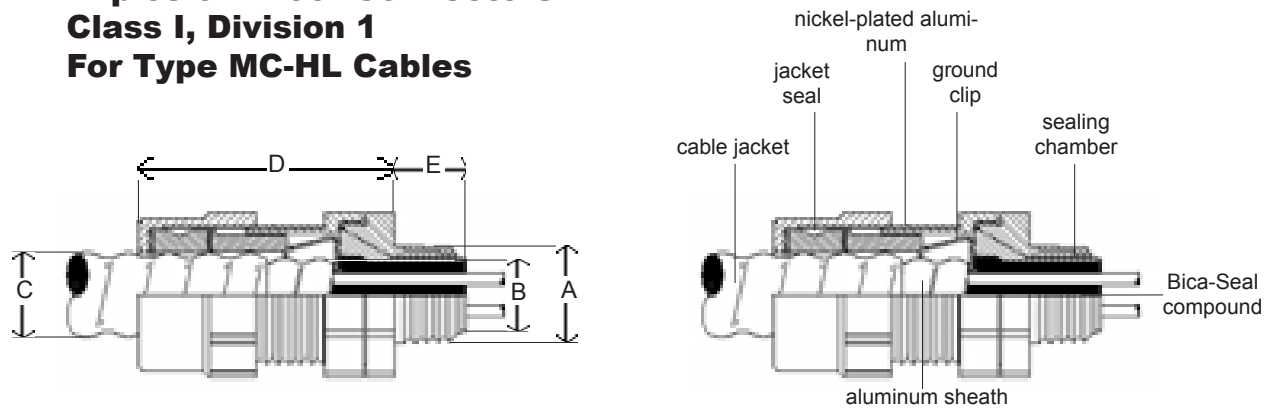
Features:

- Exterior components — aluminum.
- Interior components — nickel-plated aluminum.
- Built-in sealing chamber.
- Sealing compound extrudes from inside out.
- No voids in seal.
- Seal completely encapsulates cable core.
- Only eight sizes accommodate a wide range of cable sizes.
- Built-in free-running hub allows for disconnect and reconnect without affecting integrity of seal.
- Use of European-grade copper-free aluminum and/or nickel-plated brass minimizes any potential corrosion.

Option: All nickel-plated brass components (424BT). Meets requirements of American Bureau of Shipping.

424MA SERIES

**Explosion Proof Connectors
Class I, Division 1
For Type MC-HL Cables**



Catalog No.	NPT Hub Size (A) Inch	Cable Diameters				Connector Dimensions		Weight Lbs
		Overall Armor (B)		Overall (C)		Protrusion Length (D) Inch	Hub Length (E) Inch	
		Min. Inch	Max. Inch	Min. Inch	Max. Inch			
424MA02V	1/2	.37	.65	.46	.75	3.00	.54	.60
424MA03V	3/4	.47	.87	.54	1.00	3.05	.55	.86
424MA04V	1	.86	1.11	.89	1.23	2.85	.69	1.10
424MA05V	1 1/4	1.08	1.36	1.23	1.44	3.20	.71	1.48
424MA06V	1 1/2	1.34	1.78	1.43	1.84	3.85	.73	2.65
424MA07V	2	1.73	2.09	1.84	2.21	3.70	.77	3.09
424MA08V	2 1/2	2.07	2.60	2.14	2.76	4.25	1.14	4.96
424MA09V	3	2.57	2.87	2.69	3.04	3.35	1.20	4.52
424MA10V	3 1/2	2.85	3.46	2.97	3.62	4.90	1.20	6.44
424MA11V	4	3.36	4.01	3.55	4.24	4.65	1.30	8.27

Approvals and Acceptance:

Underwriters Laboratories

Listed for use in Hazardous locations

Class I	Division 1 & 2	Groups A, B, C & D
Class II	Division 1 & 2	Groups E, F & G
Class III	---	---

Canadian Standards Association

Approved for use in hazardous locations

Class I	Divisions 1 & 2	Groups A, B, C & D
Class II	Divisions 1 & 2	Groups E, F & G
Class III	---	---

Features:

- All nickel-plated aluminum construction.
- Built-in sealing chamber.
- No voids in seal.
- Compound seal completely encapsulates cable core.
- Built-in free-running hub allows for disconnect and reconnect without affecting integrity of seal.
- Nickel-plated copper-free aluminum for the most demanding corrosive environments.
- Superior 360° cable armor grounding mechanism for short circuit requirements.
- Approved to UL Standard 2225 Class I Division 1.

Other:

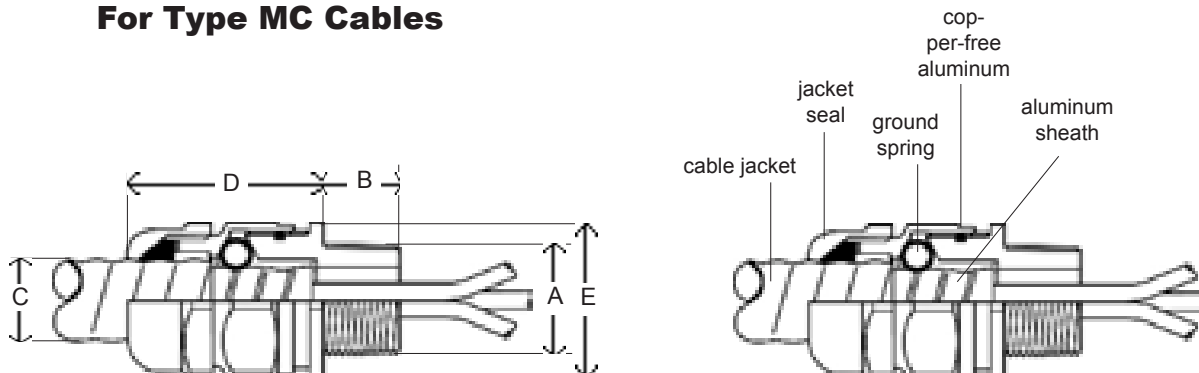
Cable Terminators

Specification

MCRA

MCRA SERIES

**Rain Tight Connectors
Non-Hazardous Environment
For Type MC Cables**



Catalog No.	Entry Thread (A) Inch	Min Thread Length (B) Inch	Cable Armor Diameter				Cable Jacket Diameter (C)		Nominal Assembly Length (D)	Envelope Diameter (E)	Shroud Reference
			End Stop In	End Stop Out	Min. Inch	Max. Inch	Min. Inch	Max. Inch			
MCRA 05S-1	1/2 NPT	.59	---	---	.34	.50	.35	.55	2.20	1.31	PVC06
MCRA 050-1	1/2 NPT	.59	---	---	.51	.67	.55	.79	2.20	1.57	PVC09
MCRA 075-1	3/4 NPT	.59	.59	.76	.76	.92	.67	1.04	2.20	1.79	PVC10
MCRA 100-1	1 NPT	.63	.83	.97	.97	1.15	.91	1.27	2.24	2.18	PVC13
MCRA 125-1	1 1/4 NPT	.63	1.08	1.23	1.23	1.39	1.16	1.50	2.24	2.40	PVC16
MCRA 150-1	1 1/2 NPT	.63	1.32	1.46	1.46	1.62	1.40	1.74	2.37	2.62	PVC18
MCRA 20S-1	2 NPT	.63	1.51	1.68	1.68	1.85	1.58	2.01	2.58	3.06	PVC21
MCRA 200-1	2 NPT	.63	1.77	1.93	1.93	2.09	1.86	2.21	2.49	3.28	PVC24
MCRA 25S-1	2 1/2 NPT	.90	2.05	2.16	2.16	2.32	2.08	2.44	2.50	3.49	PVC25
MCRA 250-1	2 1/2 NPT	.90	2.25	2.41	2.41	2.55	2.33	2.68	2.52	3.71	PVC27
MCRA 300-1	3 NPT	.98	2.54	2.78	2.78	2.97	2.62	3.13	3.57	4.80	PVC32
MCRA 350-1	3 1/2 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---
MCRA 400-1	4 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---

Cable Terminators

Application:

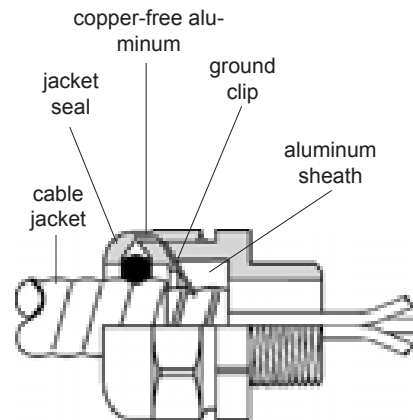
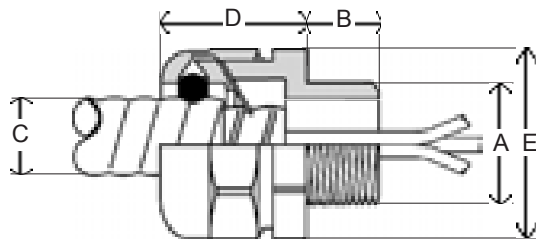
MCRA series rain tight connectors provide efficient, cost effective terminations of corrugated metal-clad cable, whether continuous corrugated or interlocked construction. Rain tight connectors are UL and CSA approved for use in the most severe outdoor environments.

Features:

- All copper-free aluminum construction. Also available in brass and stainless steel.
- Wide range of cables per connector.
- Stainless steel compression spring for efficient grounding.
- Quick three-step installation.
- Water and dust-proof barrier.
- Poseidon O-ring prevents ingress of moisture.

MCA SERIES

**Rain Tight Connectors
Non-Hazardous Environment
For Teck Cables**



Catalog No.	Entry Thread (A) Inch	Min Thread Length (B) Inch	Cable Armor Diameter				Cable Jacket Diameter (C)		Nominal Assembly Length (D)	Envelope Diameter (E)	Shroud Reference
			End Stop In Min. Inch	End Stop In Max. Inch	End Stop Out Min. Inch	End Stop Out Max. Inch	Min. Inch	Max. Inch			
MCA 05S-1	1/2 NPT	.59	---	---	.34	.50	.35	.55	2.20	1.31	PVC06
MCA 050-1	1/2 NPT	.59	---	---	.51	.67	.55	.79	2.20	1.57	PVC09
MCA 075-1	3/4 NPT	.59	.59	.76	.76	.92	.67	1.04	2.20	1.79	PVC10
MCA 100-1	1 NPT	.63	.83	.97	.97	1.15	.91	1.27	2.24	2.18	PVC13
MCA 125-1	1 1/4 NPT	.63	1.08	1.23	1.23	1.39	1.16	1.50	2.24	2.40	PVC16
MCA 150-1	1 1/2 NPT	.63	1.32	1.46	1.46	1.62	1.40	1.74	2.37	2.62	PVC18
MCA 20S-1	2 NPT	.63	1.51	1.68	1.68	1.85	1.58	2.01	2.58	3.06	PVC21
MCA 200-1	2 NPT	.63	1.77	1.93	1.93	2.09	1.86	2.21	2.49	3.28	PVC24
MCA 25S-1	2 1/2 NPT	.90	2.05	2.16	2.16	2.32	2.08	2.44	2.50	3.49	PVC25
MCA 250-1	2 1/2 NPT	.90	2.25	2.41	2.41	2.55	2.33	2.68	2.52	3.93	PVC27
MCA 300-1	3 NPT	.98	2.54	2.78	2.78	2.97	2.62	3.13	3.57	4.80	PVC32
MCA 350-1	3 1/2 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---
MCA 400-1	4 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---

Approvals and Acceptance:

CEC Class II Division 1 Groups E, F & G
 CEC Class III --- ---
 CEC Ex'e'zone 1 and zone 2

Canadian Standards Association

CSA Standard C22-2 No. 18, 174
 Class II Divisions 1 & 2 Groups E, F & G
 Class III --- ---

Features:

- Copper-free aluminum components.
- No disassembly required.
- Ultra compact design.
- Only 12 sizes accommodate a wide range of cable sizes.
- Use of European-grade copper-free aluminum minimizes any potential corrosion.
- Effective 360° ground connection to armor.

Option: All nickel-plated brass or stainless steel components.

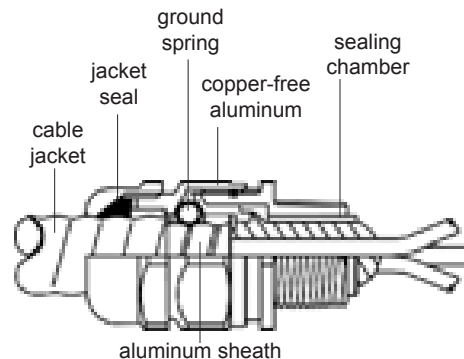
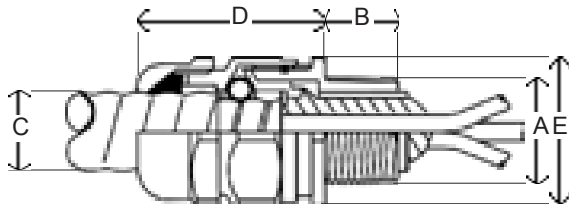
Cable Terminators

Specification

MCXA

MCXA SERIES

**Explosion Proof Connectors
Class I, Division 1
For Type MC-HL & Teck Cables**



Catalog No.	Entry Thread (A) Inch	Min Thread Length (B) Inch	Cable Armor Diameter				Cable Jacket Diameter (C)		Nominal Assembly Length (D)	Envelope Diameter (E)	Shroud Reference
			End Stop In	End Stop Out	Min. Inch	Max. Inch	Min. Inch	Max. Inch			
MCXA 05S-1	1/2 NPT	.59	---	---	.34	.50	.35	.55	1.93	1.31	PVC06
MCXA 050-1	1/2 NPT	.59	---	---	.51	.67	.55	.79	2.20	1.57	PVC09
MCXA 075-1	3/4 NPT	.59	.59	.76	.76	.92	.67	1.04	2.20	1.79	PVC10
MCXA 100-1	1 NPT	.63	.83	.97	.97	1.15	.91	1.27	2.24	2.18	PVC13
MCXA 125-1	1 1/4 NPT	.63	1.08	1.23	1.23	1.39	1.16	1.50	2.24	2.40	PVC16
MCXA 150-1	1 1/2 NPT	.63	1.32	1.46	1.46	1.62	1.40	1.74	2.37	2.62	PVC18
MCXA 20S-1	2 NPT	.63	1.51	1.68	1.68	1.85	1.58	2.01	2.60	3.06	PVC21
MCXA 200-1	2 NPT	.63	1.77	1.93	1.93	2.09	1.86	2.21	2.81	3.28	PVC24
MCXA 25S-1	2 1/2 NPT	.90	2.05	2.16	2.16	2.32	2.08	2.44	2.58	3.49	PVC25
MCXA 250-1	2 1/2 NPT	.90	2.25	2.41	2.41	2.55	2.33	2.68	2.87	3.71	PVC27
MCXA 300-1	3 NPT	.98	2.54	2.78	2.78	2.97	2.62	3.13	3.92	4.80	PVC32
MCXA 350-1	3 1/2 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---
MCXA 400-1	4 NPT	1.44	2.91	3.29	3.29	3.49	2.99	3.83	4.61	5.82	---

Cable Terminators

Approvals and Acceptance:

Underwriters Laboratories

Listed for use in Hazardous locations

Class I	Division 1 & 2	Groups A, B, C & D
Class II	Division 1 & 2	Groups E, F & G
Class III	---	---

Canadian Standards Association

Approved for use in hazardous locations

Class I	Divisions 1 & 2	Groups A, B, C & D
Class II	Divisions 1 & 2	Groups E, F & G
Class III	---	---

Other:

Meets requirements of American Bureau of Shipping.

Features:

- All copper-free aluminum construction. Also available in brass and stainless steel.
- Built-in sealing chamber.
- Integral deluge-proof O-ring.
- No voids in seal.
- Compound seal completely encapsulates cable core.
- Built-in free-running hub allows for disconnect and reconnect without affecting integrity of seal.
- Superior 360° cable armor grounding mechanism for short circuit requirements.
- Approved to UL Standard 2225 Class I Division 1.
- Approved to CSA Standard C22.2 No 18, 174.