

Hazardous Location Cable Connectors

Type JMCX

Use:

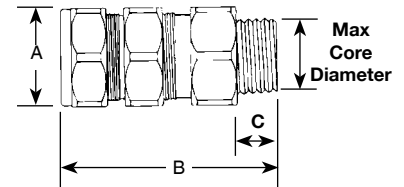
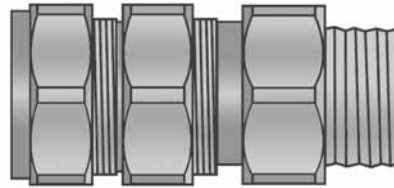
- JMCX connectors are designed for use with the following cables: Type MC/MC-HL — jacketed corrugated aluminum, interlocked aluminum, interlocked steel, continuously welded armor and CSA Teck cable
- JMCX connectors provide a means of terminating armor interlocked and continuous welded armor cables as well as system bonding in hazardous locations. In these types of applications the connectors when installed properly create a gas block and explosionproof seal to the cable
- For use on horizontal or vertical runs
- Watertight NEMA Type 4
- For use in Class I, Div. 1 and 2 and Class II, Div. 1 and 2 locations
- For non-hazardous locations — use JMC

Features:

- Simplified construction reduces installation time.
- Ten connectors cover a cable armor range of 0.375" to 4.020" in 1/2" to 4" NPT thread sizes
- Stainless steel grounding spring provides positive ground continuity as well as excellent pull-out resistance
- Neoprene bushing provides a watertight seal
- All external metallic parts are manufactured from lightweight, copper-free aluminum to prevent corrosion in harsh environments
- Watertight — NEMA Type 4
- Hex design for easy wrenching
- JMCX connectors are furnished complete with epoxy sealing compound
- For easy identification, JMCX connectors have a distinctly colored gland nut
- JMCX connectors have a reusable union sleeve that simplifies installation on new construction and guarantees the reusability of connectors when doing repair or replacement work
- Fewer connectors covering a broader range of cable diameters means a reduced inventory

Material:

- Primary and intermediate bodies, sleeve and gland nut are copper-free aluminum
- Grounding spring is stainless steel
- Bushing is Neoprene
- Stop and slip washers are nylon

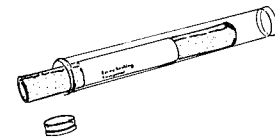


Catalog Number	Trade Size (inches)	Diameter Range		Max Core Diameter	Dimensions in Inches		
		Cable Jacket	Cable Armor		A*	B	C
JMCX-6550	1/2	0.485 - 0.760	0.375 - 0.650	0.61	1.38	3.69	0.75
JMCX-8875	3/4	0.700 - 0.990	0.600 - 0.880	0.81	1.63	3.88	0.75
JMCX-118100	1	0.900 - 1.300	0.800 - 1.180	1.00	2.00	4.41	0.94
JMCX-140125	1 1/4	1.210 - 1.510	1.100 - 1.400	1.25	2.44	5.13	1.00
JMCX-166150	1 1/2	1.440 - 1.790	1.330 - 1.660	1.44	2.75	5.19	1.00
JMCX-206200	2	1.730 - 2.200	1.570 - 2.060	2.06	3.72	6.09	1.00
JMCX-251250	2 1/2	2.100 - 2.660	1.930 - 2.510	2.25	4.22	7.69	1.50
JMCX-304300	3	2.600 - 3.230	2.450 - 3.040	3.00	4.98	8.47	1.50
JMCX-359350	3 1/2	3.110 - 3.780	2.950 - 3.590	3.44	5.50	9.16	1.63
JMCX-402400	4	3.700 - 4.220	3.500 - 4.020	3.97	5.84	9.81	1.63

* Turning diameter

Epoxy Sealing Compound

Tube Size	Catalog Number
1.0 oz.	JTSC1
4.0 oz.	JTSC4



Range Sizes:

- Trade sizes 1/2" thru 4"
- Cable Jacket Diameter Range: 0.485" thru 4.220"
- Cable Armor Diameter Range: 0.375" thru 4.020"

Third Party Certification:



UL Listed for E65070
 Class I, Div. 1, 2, Groups A, B, C, D
 Class I, Zone 1, 2, Groups IIA, IIB, IIC
 Class II, Div. 1, 2, Groups E, F, G
 Class III



CSA Certified for 164465
 Class I, Div. 1, 2, Groups A, B, C, D
 Class I, Zone 1, 2, Groups IIA, IIB, IIC
 Class II, Div. 1, 2, Groups, E, F, G
 Class III
 NEMA 4

Applicable Third Party Standards:

UL Standard: 514B, 2225
 CSA Standard: C22.2 No. 174
 NEMA Standard: FB1-1977
 Fed. Spec.: A-A-50552 (formerly W-F-406)

Hazardous Location Terminator/Sealing Fittings

For Jacketed Metal Clad Cable

Type EYMCJ

For exposed cable

Type EYMCJC

For use in conduit

Use:

Terminates and seals jacketed metal clad cable in hazardous locations.

Features:

- UL listed using O-Z/Gedney Type EYC Compound or Crouse-Hinds® Chico® compound and Type EYF fibre with these fittings
- Use with jacketed interlock or continuous metal clad cable
- For vertical or horizontal runs
- Provides compound seal for cable core where armor is removed between the jacket and armor

Material/Finish:

Seal-off fitting and cable clamp are Malleable Iron/Zinc Plated

Third Party Certification:

- UL Listed: E-65070
- Suitable for wet locations
- UL Listed for:
 - 1": Class I, Div. 2, Groups A, B, C, D
 - Class I, Zone 2, Groups IIA, IIB, IIC
 - Class II, Div. 2, Group G
 - Class III
 - 1 1/4" - 2": Class I, Div. 2, Groups C, D
 - Class I, Zone 2, Groups IIA, IIB
 - Class II, Div. 2, Group G
 - Class III
 - 2 1/2" - 4": Class I, Div. 2, Groups B, C, D
 - Class I, Zone 2, Groups IIA, IIB + H₂
 - Class II, Div. 2, Group G
 - Class III

Applicable Third Party Standard:

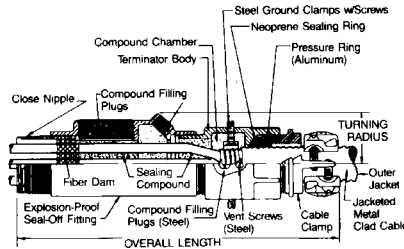
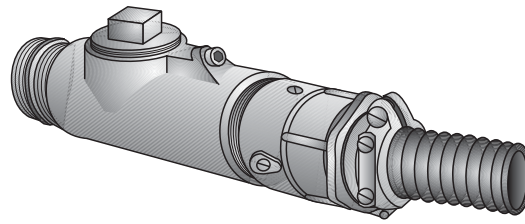
UL Standard: 886
Meets NEC Sec. 501-5(e) requirements for sealing of metal clad cable in hazardous locations.

To Order Specify:

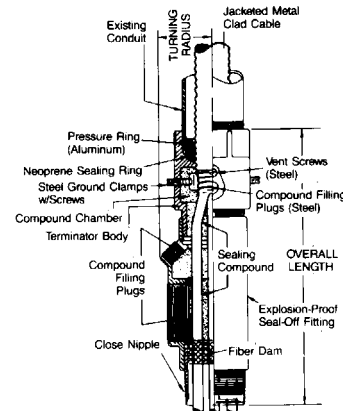
1. Catalog Number - select fitting on the basis of diameter over jacket using "Cable Range" column.
2. Outside diameter over outer jacket.

Suggested Specifications:

Type EYMCJ: Where sealing of jacketed metal clad cable in hazardous locations vertical or horizontal runs is required, a hazardous location terminator/sealing fitting shall be used. A compound seal for cable core where armor is removed and between the jacket and armor shall be required. Hazardous location terminator/sealing fittings shall be O-Z/Gedney Type EYMCJ or Type EYMCJC.



Type EYMCJ



Type EYMCJC

Trade Size (inches)	Catalog Number	Cable Range		Dimension in Inches		Sealing Compound Required	Approx. Amt. Fiber/Hub Required
		Diameter over Jacket Min	Max	Turning Radius	Overall Length		
1	EYMCJ-62-10	.47	.62	1 3/8	9 1/2	4 oz	1/8 oz
1 1/4	EYMCJ-78-12	.63	.78	1 3/4	10 5/8	8 oz	1/4 oz
1 1/2	EYMCJ-96-12	.79	.96	1 3/4	10 5/8	8 oz	1/4 oz
1 3/4	EYMCJ-112-15	.97	1.12	2	11 1/2	11 oz	1/2 oz
2	EYMCJ-137-20	1.13	1.37	2 1/4	12 1/2	19 oz	1 oz
2	EYMCJ-153-20	1.38	1.53	2 1/4	12 1/2	19 oz	1 oz
2 1/2	EYMCJ-174-25	1.54	1.74	2 5/8	14 3/4	25 oz	1 1/2 oz
2 3/4	EYMCJ-196-25	1.75	1.96	2 5/8	14 3/4	25 oz	1 1/2 oz
3	EYMCJ-215-30	1.97	2.15	2 7/8	16 1/8	32 oz	2 oz
3	EYMCJ-234-30	2.16	2.34	2 7/8	16 1/8	32 oz	2 oz
3	EYMCJ-253-30	2.35	2.53	2 7/8	16 1/8	32 oz	2 oz
3 1/2	EYMCJ-280-35	2.54	2.80	3 1/8	17 7/8	60 oz	3 oz
3 3/4	EYMCJ-298-35	2.81	2.98	3 3/8	17 7/8	60 oz	3 oz
4	EYMCJ-323-40	2.99	3.23	3 3/8	18 1/2	88 oz	4 1/2 oz
4	EYMCJ-345-40	3.24	3.45	3 3/8	18 1/2	88 oz	4 1/2 oz
1	EYMCJC-62-10	.47	.62	1 3/8	9 1/2	4 oz	1/8 oz
1 1/4	EYMCJC-78-12	.63	.78	1 3/4	10 5/8	8 oz	1/4 oz
1 1/2	EYMCJC-96-12	.79	.96	1 3/4	10 5/8	8 oz	1/4 oz
1 3/4	EYMCJC-112-15	.97	1.12	2	11 1/2	11 oz	1/2 oz
2	EYMCJC-137-20	1.13	1.37	2 1/4	12 1/2	19 oz	1 oz
2	EYMCJC-153-20	1.38	1.53	2 1/4	12 1/2	19 oz	1 oz
2 1/2	EYMCJC-174-25	1.54	1.74	2 5/8	14 3/4	25 oz	1 1/2 oz
2 3/4	EYMCJC-196-25	1.75	1.96	2 5/8	14 3/4	25 oz	1 1/2 oz
3	EYMCJC-215-30	1.97	2.15	2 7/8	16 1/8	32 oz	2 oz
3	EYMCJC-234-30	2.16	2.34	2 7/8	16 1/8	32 oz	2 oz
3	EYMCJC-253-30	2.35	2.53	2 7/8	16 1/8	32 oz	2 oz
3 1/2	EYMCJC-280-35	2.54	2.80	3 1/8	17 7/8	60 oz	3 oz
3 3/4	EYMCJC-298-35	2.81	2.98	3 3/8	17 7/8	60 oz	3 oz
4	EYMCJC-323-40	2.99	3.23	3 3/8	18 1/2	88 oz	4 1/2 oz
4	EYMCJC-345-40	3.24	3.45	3 3/8	18 1/2	88 oz	4 1/2 oz

Hazardous Location Sealing Fittings

For Tray Cable

Type EYTC

Use:

Terminates and seals a single cable from a cable tray entering an enclosure or a conduit system.

For vertical or horizontal installations.

Features:

- Sealing compound seals individual conductors exiting from cable jacket

Material/Finish:

Malleable Iron/Zinc Plated

Third Party Certification:



UL Listed: E-65070
Suitable for wet locations



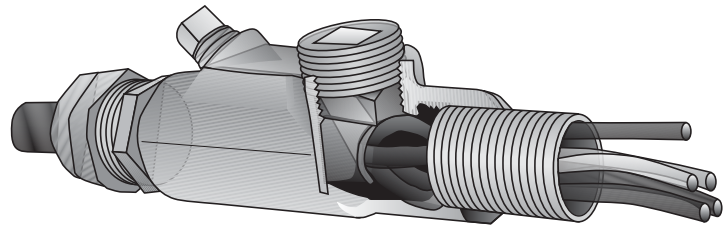
CSA Certified: 009795
1/2" - 1":
Class I, Div. 2, Groups A, B, C, D
Class I, Zone 2, Groups IIA, IIB, IIC
Class II, Div. 2, Group G
Class III
1 1/4" - 2":
Class I, Div. 2, Groups C, D
Class I, Zone 2, Groups IIA, IIB
Class II, Div. 2, Group G
Class III
2 1/2" - 3":
Class I, Div. 2, Groups B, C, D
Class I, Zone 2, Groups IIA, IIB + H₂
Class II, Div. 2, Group G
Class III

UL Listing requires using O-Z/Gedney EYC sealing compound, or Crouse-Hinds® Chico® sealing compound and O-Z/Gedney Type EYF fibre with this Type EYTC fitting. CSA Certified using any manufacturer's CSA Certified sealing compound.

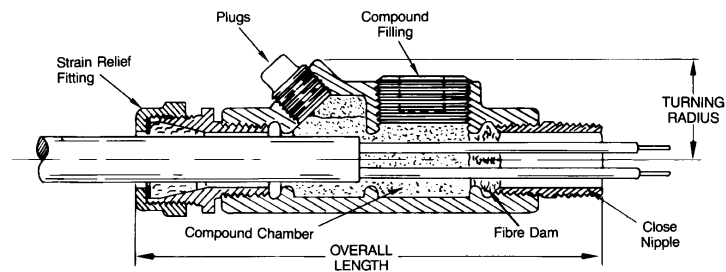
Applicable Third Party Standards:

UL Standard: 886

CSA Standard: C22.2 No. 30



Type EYTC



Catalog Number	Nipple Size (NPT)	Grommets	Cable Range		Dimension in Inches		Sealing Compound Required	Approx. Amt. Fiber/Hub Required
			Diameter over Jacket		Turning Radius	Overall Length		
EYTC-50	1/2-14	3	.1	.4	1 1/8	5 3/8	.75 oz	1/32 oz
EYTC-75	3/4-14	3	.4	.7	1 1/4	5 3/4	1.5 oz	1/16 oz
EYTC-100	1-11 1/2	2	.7	.9	1 3/8	6 1/2	2.25 oz	1/8 oz
EYTC-125	1 1/4-11 1/2	2	.9	1.2	1 1/2	7 1/4	6 oz	1/4 oz
EYTC-150	1 1/2-11 1/2	1	1.2	.41	2	8 3/8	9 oz	1/2 oz
EYTC-200	2-11 1/2	1	1.4	1.8	2 1/4	9 3/8	15 oz	1 oz
EYTC-250	2 1/2-8	1	1.8	2.1	2 3/4	11 3/8	19 oz	1 1/2 oz
EYTC-300	3-8	1	2.1	2.4	3 1/4	12 1/2	24 oz	2 oz