

# TMC2 Connectors For Jacketed Metal Clad Cable

Class I, Division 2, Groups A, B, C, D ③  
 Class I, Zones 1 and 2, AExe II AEx tA IIC  
 Class I, Zones 1 and 2, Exe II Ex tA IIC  
 Class II, Divisions 1 and 2, Groups E, F, G  
 Class III, Divisions 1 and 2

NEMA 4X  
 IP68

## Applications

- TMC2 connectors are designed for use with the following cables:
  - MC/MC-HL
  - Corrugated Interlocked Aluminium/Steel Armor
  - Continuously Welded Armor Cables, e.g. TECK or CLX
- TMC2 connectors provide a means for terminating jacketed type MC cable, forming a mechanical watertight connection and providing ground continuity for cable armor.

## Features

- Simplified two piece design.
- Integral 'O' ring face seal providing - 4X and IP68.
- Independent sealing and armor clamping.
- True 360° grounding.
- Removable cable armor end stop accommodates larger insulated conductors.
- Superior pull out prevention.

- Compact slim profile
- Reduced installation time (no disassembly required).
- Widest cable acceptance range.
- Re-usable design.
- Additional integral deluge proof seal for protection in extreme offshore and onshore environments.
- Continuous operating temperature -76 °F/-60 °C to +230 °F/+110 °C.

## Standard Materials

- Bodies, sleeve and gland nut: copperfree (4/10 of 1% max.) aluminum, nickel plated brass, or stainless steel
- Grounding spring: stainless steel
- Bushing: LSF-TPE (halogen free)
- End stop washer: nylon
- O-ring: Viton

Entry Thread C	Inches/Millimeters					Catalog Number		
	NPT Option	Cable Armor Diameter A		Cable Jacket Diameter B		Aluminum ②	Nickel Plated Brass	Stainless Steel ①
		Min	Max	Min	Max			
1/2"	-	0.42/10.7	0.63/16.0	0.5/12.7	0.75/19.1	TMC2-050075A	TMC2-050075NB	TMC2-050075SS
-	3/4"					TMC2-075075A	TMC2-075075NB	TMC2-075075SS
1/2"	-	0.6/15.2	0.89/22.6	0.69/17.5	0.99/25.1	TMC2-050099A	TMC2-050099NB	TMC2-050099SS
-	3/4"					TMC2-075099A	TMC2-075099NB	TMC2-075099SS
3/4"	-	0.79/20.1	1.1/27.9	0.87/22.1	1.18/30.0	TMC2-075118A	TMC2-075118NB	TMC2-075118SS
-	1"					TMC2-100118A	TMC2-100118NB	TMC2-100118SS
1"	-	0.94/23.9	1.28/32.5	1.02/25.9	1.37/34.8	TMC2-100137A	TMC2-100137NB	TMC2-100137SS
-	1-1/4"					TMC2-125137A	TMC2-125137NB	TMC2-125137SS
1-1/4"	-	1.22/31.0	1.5/38.1	1.3/33.0	1.62/41.1	TMC2-125162A	TMC2-125162NB	TMC2-125162SS
-	1-1/2"					TMC2-150162A	TMC2-150162NB	TMC2-150162SS
1-1/4"	-	1.49/37.8	1.72/43.7	1.57/39.9	1.9/48.3	TMC2-125190A	TMC2-125190NB	TMC2-125190SS
-	1-1/2"					TMC2-150190A	TMC2-150190NB	TMC2-150190SS
1-1/2"	-	1.57/39.9	1.88/47.8	1.65/41.9	2/50.8	TMC2-150200A	TMC2-150200NB	TMC2-150200SS
-	2"					TMC2-200200A	TMC2-200200NB	TMC2-200200SS
1-1/2"	-	1.79/45.5	2.21/56.1	1.91/48.5	2.33/59.2	TMC2-150233A	TMC2-150233NB	TMC2-150233SS
-	2"					TMC2-200233A	TMC2-200233NB	TMC2-200233SS
2"	-	2.14/54.4	2.61/66.3	2.27/57.7	2.72/69.1	TMC2-200272A	TMC2-200272NB	TMC2-200272SS
-	2-1/2"					TMC2-250272A	TMC2-250272NB	TMC2-250272SS
3"	-	2.49/63.2	2.97/75.4	2.62/66.5	3.25/82.6	TMC2-300325A	TMC2-300325NB	TMC2-300325SS
-	3-1/2"					TMC2-350325A	TMC2-350325NB	TMC2-350325SS
3-1/2"	-	2.95/74.9	3.54/89.9	3.16/80.3	3.76/95.5	TMC2-350376A	TMC2-350376NB	TMC2-350376SS
-	4"					TMC2-400376A	TMC2-400376NB	TMC2-400376SS
4"	-	3.52/89.4	3.94/100.1	3.7/94.0	4.25/108.0	TMC2-400425A	TMC2-400425NB	TMC2-400425SS

① Stainless steel is priced by quote only. Contact your factory representative for assistance.

② PVC coating available. Add suffix **-PVC** to catalog number.

③ Where explosionproof enclosures are being used the TMC2 must be installed in conjunction with an approved pouring or compound sealing fitting. In Division 2 areas the TMC2 can be fitted directly to an enclosure which has no source of ignition in accordance with NEC/CEC requirements.

# TMC2 Connectors For Jacketed Metal Clad Cable

Class I, Division 2, Groups A, B, C, D ③  
 Class I, Zones 1 and 2, AExe II AEx tA IIC  
 Class I, Zones 1 and 2, Exe II Ex tA IIC  
 Class II, Divisions 1 and 2, Groups E, F, G  
 Class III, Divisions 1 and 2

NEMA 4X  
 IP68

## Size Ranges

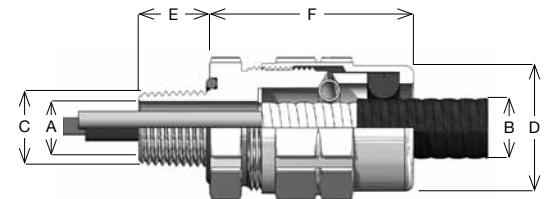
- Trade sizes 1/2" thru 4"
- Cable Jacket Diameter Range: 0.50" thru 4.25"
- Cable Armor Diameter Range: 0.42 thru 3.94"

## Compliances

- CSA Standard: C22.2 No. 174
- CSA Certified: 249506

## Options

- PVC coating available. Add suffix **-PVC** to catalog number.
- Metric threads available. Add metric thread size to catalog number, i.e. TMC2-050075A-M20



Fittings

FITTINGS: CABLE GLANDS

Entry Thread C		Minimum Thread Length E	Across Flats D	Across Corners D	Nominal Assembly Length F
NPT	NPT Option				
1/2"	-	0.78/19.8	1.2/30.5	1.3/33.0	1.65/41.9
-	3/4"	0.8/20.3			
1/2"	-	0.78/19.8	1.48/37.6	1.6/40.6	1.97/50.0
-	3/4"	0.8/20.3			
3/4"	-	0.79/20.1	1.81/46.0	1.95/49.5	2.13/54.1
-	1"	0.98/24.9			
1"	-	0.98/24.9	2.05/52.1	2.21/56.1	2.34/59.4
-	1-1/4"	1/25.4			
1-1/4"	-	1/25.4	2.36/59.9	2.55/64.8	2.44/62.0
-	1-1/2"	1.06/26.9			
1-1/4"	-	1.03/26.2	2.56/65.0	2.76/70.1	2.44/62.0
-	1-1/2"	1.06/26.9			
1-1/2"	-	1.06/26.9	2.75/69.9	2.97/75.4	2.6/66.0
-	2"	1.57/39.9			
1-1/2"	-	1.06/26.9	2.95/74.9	3.19/81.0	2.64/67.1
-	2"	1.57/39.9			
2"	-	1.57/39.9	3.54/89.9	3.82/97.0	2.76/70.1
-	2-1/2"	1.57/39.9			
3"	-	1.63/41.4	4.33/110.0	4.68/118.9	3.46/87.9
-	3-1/2"	1.68/42.7			
3-1/2"	-	1.68/42.7	4.84/122.9	5.23/132.8	3.68/93.5
-	4"	1.73/43.9			
4"	-	1.73/43.9	5.23/132.8	5.65/143.5	3.89/98.8