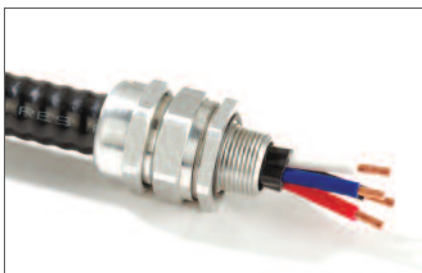




TMC CABLE CONNECTOR



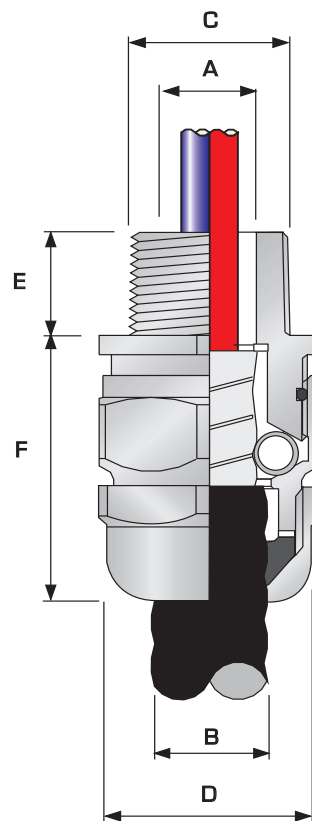
TMC Ordinary, Wet & Hazardous Location Cable Connector

CMP Type TMC Cable Connector suitable for use with Corrugated Interlocked & Continuously Welded Metal Clad (Type MC or MC-HL) or TECK armored and jacketed cables in ordinary, wet & hazardous locations including Class II Division 1 & 2 installations. The cable connector provides mechanical retention and electrical continuity via the armor termination and an environmental seal on the cable outer jacket. In addition this UL listed cable connector also offers Class I Zone I, AEx e II certification. The re-usable compression spring feature providing both grounding and gripping functions to the cable armor, allows the cable to be easily disconnected from the equipment, for maintenance and change out etc.

The TMC cable connector offers Nema 4X and IP68 ingress protection and is supplied in Copper free Aluminum, Stainless Steel, or Electroless Nickel Plated Brass. The TMC is available in NPT (standard) and Metric thread forms, and is also IEC Ex Certified Ex e II, offering a single solution that can be employed in accordance with both NEC and IEC codes of installation.

TECHNICAL DATA

Type	TMC
Design Specification	UL 514B, UL 886
CSA Approval Certificate Number	1129339
Code of Protection Category	Class II Div 1 & 2 Groups EFG, Class III Div 1 & 2, Class I Zone 1 Ex e II, Enclosure Type 3, 4 and 4X
Compliance Standards	CAN/CSA-C22.2 Number 18-92, CSA C22.2 Number 25-1966, CSA C22.2 Number 174-M1984, CAN/CSA-C22.2 Number 94-M91, CAN/CSA-E60079-0-2001, IEC 60079-0 1998, CAN/CSA-E79-7-95
UL Listing File Number	PJOX.E163112, CYMJ.E256366
Code of Protection Category	Class II Div 1 & 2 Groups EFG, Class III Div 1 & 2, Class I Zone 1 AEx e II, Ordinary & Wet Locations
Compliance Standards	UL 514B, UL 886, ANSI/UL 60079-0, ANSI/UL 60079-7
GOST R Certificate Number	POCC GB. ГБ 05.Б01912
Code of Protection Category	Ex e II
Compliance Standards	ГОСТ P 52350.0-2005, ГОСТ P 52350.7-2005
GGTN Permit Number	PPC 00-18262
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00172
DNV Approval Number	E-6157
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +130°C
Ingress Protection Rating	IP66
NEMA Rating	NEMA 4X
Standard Cable Connector Material	Copper Free Aluminum (<0.4%)
Alternative Cable Connector Material	Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Thermoplastic Elastomer
Cable Type	Corrugated & Interlocked Metal Clad Armor (MC) or TECK, Continuously Welded Metal Clad Armor (MCHL)
Armour Clamping	Earth Continuity in Contact With Metal Clad Armour
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Outer Jacket
Optional Accessories	Locknut, Shroud, Entry Thread Seal, Serrated Washer, Earth Tag, Adaptor/Reducer



Cable Connector Selection Table

Order Reference			Entry Thread 'C'	Min Thread Length 'E'	Cable Armor Diameter 'A'				Cable Jacket Diameter 'B'		Nominal Assembly Length 'F'	Envelope Diameter 'D'		Shroud Reference*
Aluminum	NP Brass	S. Steel			End Stop In		End Stop Out		Min	Max		A/F	A/C	
TMC050SA	TMC050SNB	TMC050SSS	1/2"	0.59	-	-	0.342	0.503	0.354	0.550	2.20	1.18	1.31	PVC06
TMC050A	TMC050NB	TMC050SS	1/2"	0.59	-	-	0.437	0.669	0.510	0.787	2.20	1.42	1.57	PVC09
TMC050LA	-	-	1/2"	0.59	0.591	0.756	0.756	0.917	0.669	1.035	2.20	1.61	1.79	PVC10
TMC075A	TMC075NB	TMC075SS	3/4"	0.59	-	-	-	-	-	-	-	-	-	-
TMC075LA	-	-	3/4"	0.63	0.775	0.969	0.969	1.150	0.910	1.268	2.24	1.96	2.18	PVC13
TMC100A	TMC100NB	TMC100SS	1"	0.63	-	-	-	-	-	-	-	-	-	-
TMC100LA	-	-	1"	0.63	1.083	1.228	1.228	1.386	1.161	1.504	2.24	2.16	2.40	PVC16
TMC125A	TMC125NB	TMC125SS	1-1/4"	0.63	-	-	-	-	-	-	-	-	-	-
TMC125LA	-	-	1-1/4"	0.63	1.320	1.461	1.461	1.618	1.402	1.736	2.37	2.36	2.62	PVC18
TMC150A	TMC150NB	TMC150SS	1-1/2"	0.63	-	-	-	-	-	-	-	-	-	-
TMC150LA	-	-	1-1/2"	0.63	1.508	1.677	1.677	1.854	1.579	2.008	2.58	2.78	3.06	PVC21
TMC200SA	TMC200SNB	TMC200SSS	2"	0.63	-	-	-	-	-	-	-	-	-	-
TMC150KLA	-	-	1-1/2"	0.63	1.772	1.933	1.933	2.087	1.858	2.205	2.49	2.96	3.28	PVC24
TMC200A	TMC200NB	TMC200SS	2"	0.63	-	-	-	-	-	-	-	-	-	-
TMC200LA	-	-	2"	0.90	2.052	2.161	2.161	2.320	2.079	2.441	2.50	3.14	3.49	PVC25
TMC250SA	TMC250SNB	TMC250SSS	2-1/2"	0.90	-	-	-	-	-	-	-	-	-	-
TMC200KLA	-	-	2"	0.90	2.247	2.406	2.406	2.545	2.327	2.677	2.52	3.35	3.71	PVC27
TMC250A	TMC250NB	TMC250SS	2-1/2"	0.90	-	-	-	-	-	-	-	-	-	-
TMC300A	TMC300NB	TMC300SS	3"	0.98	2.543	2.776	2.776	2.965	2.622	3.126	3.57	4.33	4.80	PVC32
TMC350A	TMC350NB	TMC350SS	3-1/2"	1.437	2.913	3.291	3.291	3.485	2.992	3.830	4.61	5.25	5.82	-
TMC400A	TMC400NB	TMC400SS	4"	1.437	-	-	3.500	4.020	3.700	4.220	7.66	5.28	5.84	-

All dimensions in inches

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.