

C2KX Marine Cable Connector

Braid Armor and Jacketed Cables.

Applications

- Cable Connector for wire braid armor & jacketed cables is suitable for ordinary and wet locations and provides mechanical retention and electrical continuity via a disconnectable armor termination.

Features

- Connector provides an environmental seal on the cable outer jacket and is UL listed for NPT or Metric entry threads.
- The C2KX forms part of a comprehensive range of deluge proof connectors for marine shipboard and IEE45 armor jacketed cables. Permitted for use in Division 2 areas on equipment without internal source of ignition (i.e. no arcing or sparking devices).

Materials:

- **Connector:** Brass. Finish is Brass with nickel plated brass threaded entry as standard.
- **Seal:** Solo LSF.
- **Cable type:** Braid armor & jacketed. Armor termination - Disconnectable armor cone and ring. Sealing technique - Displacement seal concept. Sealing area - Outer sheath.

Optional Accessories:

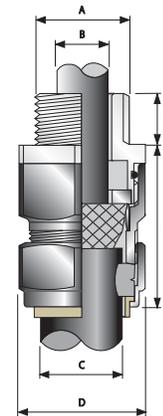
- Earth tag, entry thread seal, serrated washer (I-38). Adaptors and reducers (I-35 thru I-37).
- Brass full nickel plate add suffix **-5**.
- Brass nickel plated entry only, add suffix **-7**.
- 316 Stainless steel add suffix **-4**.

Compliances/Approvals:

- UL Listed - E200163
- UL 514B
- Class I, Div 2*, Groups A,B,C,D
- Class I, Zone 1, AEx e II
- Class I, Zone 2, AEx e II
- Ordinary and wet locations
- Ingress Protection: NEMA 4, Oil Resistant II
- Third Party Approvals: IP66, IP67 & IP68 (to a depth of 10M)
- Shell / ERA deluge test DTS 01:1991 (after 20 years simulated accelerated ageing)
- Marine approval: LLOYDS, ABS

* When installed in accordance with the NEC.

Note: CENELEC Zone I Certified version also available. Consult factory.



Ordering Information

Cable Connector Size	Available Entry Threads 'C'			Minimum Thread Length 'E'		Cable Bedding Dia. 'A'	Overall Cable Diameter 'B'		Armour Range †		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	NPT Catalog Number	Metric Catalog Number	PVC Shroud Reference	Cable Connector Wt. (Ozs)
	Standard	Option		NPT	Metric		Min	Max	Min	Max							
20S/16	1/2"	3/4"	M20	0.630	0.591	0.461	0.240	0.453	0	0.039	0.945	1.047	2.303	20S16C2KX1RA731	20S16C2KX1RA7	PVC04	4.65
20S	1/2"	3/4"	M20	0.630	0.591	0.461	0.374	0.626	0	0.039	0.945	1.047	2.303	20SC2KX1RA731	20SC2KX1RA7	PVC04	4.65
20	1/2"	3/4"	M20	0.630	0.591	0.551	0.492	0.823	0	0.039	1.201	1.311	2.382	20C2KX1RA731	20C2KX1RA7	PVC06	6.84
25S	3/4"	1"	M25	0.669	0.591	0.787	0.551	0.866	0	0.039	1.476	1.594	2.657	25C2KX1RA732	25C2KX1RA7	PVC09	10.78
25	3/4"	1"	M25	0.669	0.591	0.787	0.717	1.031	0	0.039	1.476	1.594	2.657	25C2KX1RA732	25C2KX1RA7	PVC09	10.78
32	1"	1-1/4"	M32	0.787	0.591	1.035	0.933	1.335	0	0.039	1.811	2.008	2.736	32C2KX1RA733	32C2KX1RA7	PVC11	16.49
40	1-1/4"	1-1/2"	M40	0.787	0.591	1.268	1.098	1.591	0	0.039	2.165	2.402	3.071	40C2KX1RA734	40C2KX1RA7	PVC15	23.89
50S	1-1/2"	2"	M50	0.787	0.591	1.504	1.386	1.839	0	0.039	2.362	2.618	2.972	50SC2KX1RA735	50SC2KX1RA7	PVC18	26.43
50	2"	2-1/2"	M50	0.906	0.591	1.736	1.591	2.091	0	0.039	2.756	3.094	3.169	50SC2KX1RA736	50C2KX1RA7	PVC21	36.79
63S	2"	2-1/2"	M63	0.906	0.591	1.969	1.795	2.339	0	0.039	2.953	3.276	3.602	63SC2KX1RA736	63SC2KX1RA7	PVC23	37.85
63	2-1/2"	3"	M63	0.984	0.591	2.205	2.150	2.594	0	0.039	3.150	3.504	3.622	63C2KX1RA737	63C2KX1RA7	PVC25	45.11
75S	2-1/2"	3"	M75	0.984	0.591	2.441	2.323	2.839	0	0.039	3.504	4.00	3.898	75SC2KX1RA737	75SC2KX1RA7	PVC28	65.55
75	3"	3-1/2"	M75	1.417	0.591	2.677	2.626	3.091	0	0.039	3.898	4.374	4.016	75C2KX1RA738	75C2KX1RA7	PVC30	89.87
90	3-1/2"	4"	M90	1.417	0.591	3.15	3.000	3.559	0	0.063	4.488	5.063	4.724	90C2KX1RA739	90C2KX1RA7	PVC32	128.63

All dimensions in inches.

Substitutions:

Full nickel plated brass - replace RA7 with RA5.

316L stainless steel - replace RA7 with RA4.

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