

C2KX Marine Cable Connector

Wire Braid Armor and Jacketed Cables.

HAZARDOUS LOCATION FITTINGS: NEC/CEC, ATEX/IECEx WEATHERPROOF CABLE GLANDS

NEC/CEC:

Class I, Division 2 ①, Groups A, B, C, D
Class I, Zone 1, AEx e II, AEx nR II
Class I, Zone 2, AEx e II
NEMA 4X
IP66, IP67, IP68

ATEX/IECEx:

② II 2 GD
Ex e II
Ex tD A21 IP66
③ II 3 G Ex nR II

Applications

- Cable connector for armor braid shipboard cable and all IEC braid cables is suitable for ordinary and wet locations and provides mechanical retention and electrical continuity via a removable 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).
- Armor termination — removable armor cone and ring.
- Sealing technique — Displacement seal concept. Sealing area — Outer sheath.

Standard Materials

- Connector: brass fully nickel plated
- Seal: SOLO LSF (low smoke fumes) thermoplastic elastomer

Options

- Brass with nickel plated threaded entry: replace last digit **5** with **7**
- Aluminum: replace last digit **5** with **1**
- 316L stainless steel: replace last digit **5** with **4**
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages.

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E200163, E256367
- CSA Standard: C22.2 No. 0.18.3,94.1,94.2, CAN/CSA E60079-0,7, CAN/CSA C22.2 No. 60529:05
- CSA Certified: 101909

Cable Connector Size	Metric Thread C	Standard Metric ②	Standard NPT Thread C	Catalog Numbers			Minimum Thread Length mm (in) E	
				Standard NPT ②	Optional NPT Thread C	Optional NPT Thread ②	NPT	Metric
20S/16	M20	2016C2KX5	1/2	2016C2KX0505	3/4	2016C2KX0755	20.19 (0.79)	15.01 (0.59)
20S	M20	20SC2KX5	1/2	20SC2KX0505	3/4	20SC2KX0755	20.19 (0.79)	15.01 (0.59)
20	M20	20C2KX5	1/2	20C2KX0505	3/4	20C2KX0755	20.19 (0.79)	15.01 (0.59)
25	M25	25C2KX5	3/4	25C2KX0755	1	25C2KX1005	20.50 (0.81)	15.01 (0.59)
32	M32	32C2KX5	1	32C2KX1005	1-1/4	32C2KX1255	24.54 (0.97)	15.01 (0.59)
40	M40	40C2KX5	1-1/4	40C2KX1255	1-1/2	40C2KX1505	25.91 (1.02)	15.01 (0.59)
50S	M50	50SC2KX5	1-1/2	50SC2KX1505	2	50SC2KX2005	26.39 (1.04)	15.01 (0.59)
50	M50	50C2KX5	2	50C2KX2005	2-1/2	50C2KX2505	27.20 (1.07)	15.01 (0.59)
63S	M63	63SC2KX5	2	63SC2KX2005	2-1/2	63SC2KX2505	27.20 (1.07)	15.01 (0.59)
63	M63	63C2KX5	2-1/2	63C2KX2505	3	63C2KX3005	40.21 (1.58)	15.01 (0.59)
75S	M75	75SC2KX5	2-1/2	75SC2KX2505	3	75SC2KX3005	40.21 (1.58)	15.01 (0.59)
75	M75	75C2KX5	3	75C2KX3005	3-1/2	75C2KX3505	41.81 (1.65)	15.01 (0.59)
90	M90	90C2KX5	3-1/2	90C2KX3505	4	90C2KX4005	41.81 (1.65)	24.13 (0.95)
100 ③	M100	100C2KX5	4	100C2KX4005	5	100C2KX5005	44.30 (1.74)	24.13 (0.95)

① When installed in accordance with the National Electrical Code.

② Entry thread seal not supplied, see *Cable Gland Accessories and Tools*.

③ Not UL Listed or CSA Certified.