

# PX2KX Compound Barrier Type Cable Connector

## Explosionproof

Wire Braid Armor and Jacketed Cables.

### NEC/CEC:

Class I, Division 1 and 2, Groups A, B, C, D  
Class II, Division 1 and 2, Groups E, F, G  
Class III  
NEMA 4X

### ATEX/IECEX:

Class I, Zone 1  
Ex d IIC Gb  
Ex e IIC Gb  
Ex ta IIIC Da  
IP66, IP67, IP68

### Applications

- Explosionproof Class I Division 1 brass cable connector suitable for wire braid armor or tape.

### Features

- Connector provides an environmental seal on the cable outer jacket and an explosionproof compound barrier seal around the cable inner cores.
- Connector provides mechanical cable retention and electrical continuity via armor termination.
- The connector is UL Listed for NPT and metric threads.
- PX2KX forms part of a comprehensive connector range for marine shipboard and IEE45 armored cables.
- Armor termination — removable armor cone and ring. Sealing area(s) — displacement seal concept.

### Standard Materials

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

### Options

- 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 Listed: E201187
- UL Standard: 2225
- CSA Standard: C22.2 No. 174
- cCSAus Certified: 101909

### ATEX/IECEX Certifications and Compliances

- Third Party Approvals: IP66, IP67 and IP68
- ATEX: SIRA13ATEX1072X, SIRA13ATEX4078X
- Marine: LLOYDS, DNV, ABS
- Ingress Protection: NEMA 4X, Oil Resistant II
- IEC Standards: 60079-0; 60079-1; 60079-7; 60079-15; 60079-31
- Shell / ERA deluge test DTS 01:1991 (after 20 years simulated accelerated ageing)

HAZARDOUS LOCATION FITTINGS: NEC/CEC, ATEX/IECEX EXPLOSIONPROOF CONNECTORS

Appleton®

Cable Connector Size	Metric Thread C	Standard Metric ①	Standard NPT Thread C	Catalog Numbers			Maximum Diameter Over Conductors mm (in) A	Maximum Cable Bedding Diameter mm (in) G
				Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①		
20S16	M20	2016PX2KX5	1/2	2016PX2KX0505	3/4	2016PX2KX0755	12.6 (0.5)	6.1 (0.24)
20S	M20	20SPX2KX5	1/2	20SPX2KX0505	3/4	20SPX2KX0755	12.6 (0.5)	9.5 (0.37)
20	M20	20PX2KX5	1/2	20PX2KX0505	3/4	20PX2KX0755	12.6 (0.5)	12.5 (0.49)
25S	M25	25SPX2KX5	3/4	25SPX2KX0755	1	25SPX2KX1005	17.5 (0.69)	14.0 (0.55)
25	M25	25PX2KX5	3/4	25PX2KX0755	1	25PX2KX1005	17.5 (0.69)	18.2 (0.72)
32	M32	32PX2KX5	1	32PX2KX1005	1-1/4	32PX2KX1255	23.6 (0.93)	23.7 (0.93)
40	M40	40PX2KX5	1-1/4	40PX2KX1255	1-1/2	40PX2KX1505	30.0 (1.18)	27.9 (1.10)
50S	M50	50SPX2KX5	1-1/2	50SPX2KX1505	2	50SPX2KX2005	36.6 (1.44)	35.2 (1.39)
50	M50	50PX2KX5	2	50PX2KX2005	2-1/2	50PX2KX2505	41.0 (1.61)	40.4 (1.59)
63S	M63	63SPX2KX5	2	63SPX2KX2005	2-1/2	63SPX2KX2505	47.9 (1.89)	45.6 (1.80)
63	M63	63PX2KX5	2-1/2	63PX2KX2505	3	63PX2KX3005	53.0 (2.09)	54.6 (2.15)
75S	M75	75SPX2KX5	2-1/2	75SPX2KX3005	3	75SPX2KX3005	59.9 (2.36)	59.0 (2.32)
75	M75	75PX2KX5	3	75PX2KX3005	3-1/2	75PX2KX3505	64.3 (2.53)	66.7 (2.63)
90	M90	90PX2KX5	3-1/2	90PX2KX3505	4	90PX2KX4005	75.3 (2.96)	76.2 (3.00)
100	M100	100PX2KX5	4	100PX2KX4005	5	100PX2KX5005	85.6 (3.37)	86.1 (3.39)

① Entry thread seal not supplied, see *Cable Gland Accessories and Tools*.