

Cable Connectors



Barr DX Explosion Proof Connector

424UL Series - for Unjacketed Marine Shipboard Cables, With Wire Braid Armor

Features & Benefits

- > Fast, easy installation
- > Large sealing range
- > Space and weight saving
- > Tested to UL and CSA standards
- > For Class I & II Div 1 & 2 applications
- > Increased hub thread length to comply with new UL2225 requirements

Technical Data

- > Suitable for Unjacketed Marine Shipboard cables - category FDLW
- > CuZn39Pb3 Brass construction with bright autocatalytic nickel coated hub
- > Optional bright autocatalytic nickel coating of exposed brass parts, add suffix 'V' to reference
- > Connector listed as follows:
 - $1/2"$ and $3/4"$ Class I Groups ABCD, Class II Groups EFG
 - 1" to 3 $1/2"$ Class I Groups CD, Class II Groups EFG
- > Compound forms barrier around individual cores, preventing migration of gases through the centre of the cable
- > Full installation instructions supplied



Marine shipboard cable sealing fitting for use in hazardous locations

SPECIALIST DISTRIBUTORS OF



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CONNECTOR SELECTION CHART

Connector Reference		Cable Dimensions Accommodated			Connector Dimensions			
Design Reference	Hub Size NPT	Under Braid Ø (A)		Braid Wire Ø	Protrusion Length (F)	Hub Length (E)	Hexagon	
		Min.	Max.				A/F (G)	A/C (H)
424UL-01	1/2"	-	0.45"	0.008/0.012"	1.18"	0.84"	1.20"	1.34"
424UL-02	3/4"	-	0.49"	0.008/0.012"	1.18"	0.85"	1.20"	1.34"
424UL-03	1"	0.45"	0.70"	0.008/0.018"	1.14"	1.06"	1.48"	1.66"
424UL-04	1 1/4"	0.67"	0.98"	0.012/0.018"	1.26"	1.09"	1.86"	2.11"
424UL-05	1 1/2"	0.94"	1.24"	0.012/0.018"	1.26"	1.10"	2.22"	2.42"
424UL-06	2"	1.18"	1.63"	0.012/0.018"	1.50"	1.14"	2.76"	3.04"
424UL-07	2 1/2"	1.57"	2.12"	0.012/0.018"	1.46"	1.69"	3.15"	3.44"
424UL-08	3"	2.09"	2.57"	0.012/0.018"	1.65"	1.75"	3.89"	4.30"
424UL-09	3 1/2"	2.36"	2.91"	0.012/0.018"	1.65"	1.80"	4.53"	4.96"
424UL-12	3/4"	0.45"	0.70"	0.008/0.018"	1.18"	0.85"	1.48"	1.66"
424UL-15	1"	0.67"	0.98"	0.012/0.018"	1.26"	1.06"	1.86"	2.11"

