

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 Information

- > 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



CONNECTOR CHARACTERISTICS



Marine shipboard cable
sealing fitting for use in
hazardous locations

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"

