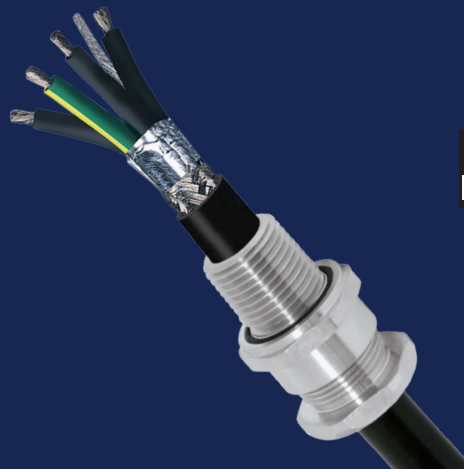




BTC VFD Cable Gland

TC Globally Approved,
Hazardous (Classified) Location Cable Gland



+110 °C
↑
-60 °C

AEx d	AEx e	AEx t
Ex d	Ex e	Ex t

SALES SHEET



Americas Hazardous Location Cable Glands for VFD Cable

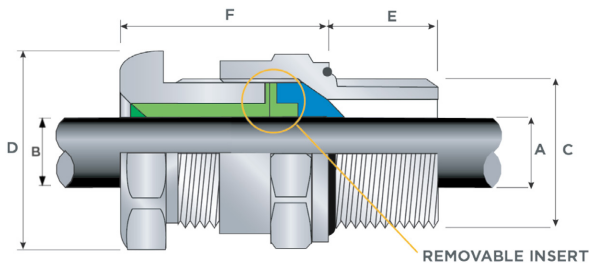
For All Types Of Unarmored Tray Cables, Flexible Cables & Cord

- Increased cable range with removable insert
- Pass-through design for shield/ground isolation
- -60 °C to +110 °C (-76 °F to +230 °F)
- Suitable for shielded or unshielded cables
- Heavy duty design
- Globally marked, cCSAus, IECEx and ATEX
- Entry thread seal as standard
- Aluminum design

Technical Classification

Design specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical classification*	impact = level 8, cable anchorage = class d
Enclosure protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Ingress protection rating**	IP66, IP67 & IP68***
Nema rating**	NEMA 4X
Cable gland material	Copper Free (<0.4%) Aluminum
Cable type	Tray Cable & Cords, Unarmored / Braid (IEC)s
Sealing technique	Displacement Seal with Removable Insert
Sealing area(s)	Cable Outer Jacket

* Mechanical and Electrical Classifications applied as per IEC 62444 & EN 62444.
 *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request



Global Product Certification

ATEX CERTIFICATE	CML18ATEX1334X	IECEx CERTIFICATE	IECEx CML 18.0191X
CODE OF PROTECTION	^II 2G ID, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
COMPLIANCE STANDARDS	EN 60079-0,1,7, 31	COMPLIANCE STANDARDS	IEC 60079-0,1,7, 31
cCSAus CERTIFICATE	2220601		
CSAus CODE OF PROTECTION	Class II, Div. 2, Groups E,F, and G; Class III, Div. 2; Encl. Type 4X; Ex e; Class I, Zone 1, AEx e		
cCSA CODE OF PROTECTION	Class I, Div. 2, Groups A,B,C, and D; Class II, Div. 2, Groups E, F, and G; Class III, Div. 2; Encl. Type 4X; Ex e; Class I, Zone 1, AEx e, Ex e		
COMPLIANCE STANDARDS	CAN/CSA-C22.2 No 0-M91,18.3-04,174-M1984, 94-M91, CAN/CSA-E60079-0,7, CAN/CSA-E61241-1-1, ANSI/UL 514B, ANSI/UL 50, ANSI/UL 60079-0,7		
ECAS CERTIFICATE	20-02-05627	UkrSEPRO CERTIFICATE	CLJ 19.0371X
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487		
CODE OF PROTECTION	1Ex d IIC Gb X, 1Ex e IIC Gb X, Ex ta IIIC Da X, IP66		
RETIE APPROVAL NUMBER	3866		
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-2022051-PDA, BV: 43180 A1 BV		



PATENT GRANTED: US 8440919

PART Number	ENTRY THREAD NPT	MIN THREAD LENGTH	Cable Range				Across Flats	Across Corners	Length	Weight
			Insert		No Insert					
			Min	Max	Min	Max				
BTC075A0551RA	3/4"	0.80"	0.26"	0.41"	0.41"	0.55"	1.48"	1.63"	1.24"	1.69
BTC075A0791RA	3/4"	0.80"	0.44"	0.61"	0.61"	0.79"				
BTC100A0791RA	1"	0.98"	0.44"	0.61"	0.61"	0.79"	1.81"	1.99"	1.65"	3.17
BTC100A1041RA	1"	0.98"	0.67"	0.85"	0.85"	1.04"				
BTC125A1041RA	1 1/4"	1.01"	0.67"	0.85"	0.85"	1.04"	2.05"	2.25"	1.65"	3.88
BTC125A1271RA	1 1/4"	1.01"	0.93"	1.1"	1.10"	1.27"				
BTC150A1501RA	1 1/2"	1.03"	1.22"	1.37"	1.37"	1.5"	2.36"	2.60"	1.65"	6.00
BTC200A1741RA	2"	1.06"	-	-	1.40"	1.74"	2.76"	3.03"	1.63"	8.64
BTC200A1971RA	2"	1.06"	-	-	1.63"	1.97"	2.76"	3.03"	1.74"	8.29
BTC250A2201RA	2 1/2"	1.57"	-	-	1.86"	2.20"	3.54"	3.90"	1.74"	13.58
BTC300A2201RA	3"	1.63"	-	-	1.86"	2.20"	4.33"	4.77"	1.79"	13.58
BTC300A2681RA	3"	1.63"	-	-	2.41"	2.68"	4.33"	4.77"	1.79"	23.63

Order code example: TC-050A028 - "TC" (Type Gland) - "050" (1/2" NPT Thread) - 'A' (Material Aluminum) - "028"(Max Cable Diameter 0.28")
 Dimensions are displayed in inches unless otherwise stated



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