

A2FHT INTERNATIONALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND



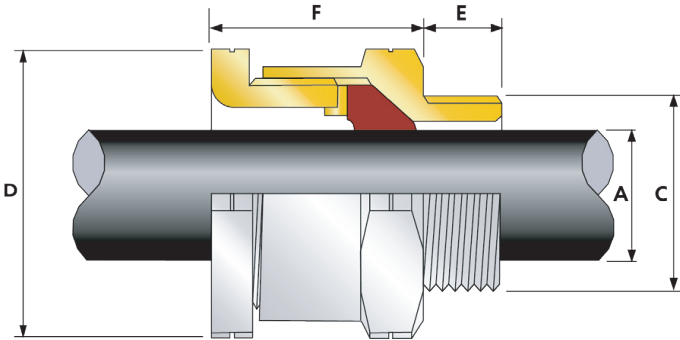
FOR ALL TYPES OF UNARMoured & BRAIDED CABLES

- 60°C to +180°C high temperature ThermEx seals
- Displacement type flameproof seal
- Deluge protected
- Internationally marked, UKEx, IECEx and ATEX

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1308X, CML18ATEX4312X	IECEx CERTIFICATE	IECEx CML 18.0173X
UKEX CERTIFICATE	CML 21UKEX1249X, CML 21UKEX4250X		
CODE OF PROTECTION	ⓂII 2G ID Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da ⓂII 3G, Ex nR IIC Gc	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Dc, Ex nR IIC Gc
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
ECAS CERTIFICATE	20-02-05632		
SANS	IA S-XPL21804 21.0003X		

TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Type B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
INGRESS PROTECTION RATING**	IP66, IP67 and IP68****
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided when terminated inside enclosure
SEALING TECHNIQUE	Displacement Seal
SEALING AREA(S)	Cable Outer Sheath
CONTINUOUS OPERATING TEMPERATURE	-60°C to +180°C

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



EUTEX ORDERING REFERENCE (*BRASS METRIC)	AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					OVERALL CABLE DIAMETER		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'
	STANDARD				OPTION					
	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'F'	NPT	MIN	MAX	MAX	MAX	MAX
16 A2FHT	M16	15.0	-	-	-	3.2	8.0	24.0	26.4	34.9
20S16 A2FHT	M20	15.0	1/2"	19.9	3/4"	3.2	8.0	24.0	26.4	30.4
20S A2FHT	M20	15.0	1/2"	19.9	3/4"	6.5	11.2	24.0	26.4	31.9
20 A2FHT	M20	15.0	1/2"	19.9	3/4"	7.0	13.5	27.0	29.7	35.8
25 A2FHT	M25	15.0	3/4"	20.2	1"	11.5	19.5	36.0	39.6	40.4
32 A2FHT	M32	15.0	1"	25.0	1 1/4"	19.0	25.5	41.0	45.1	38.5
40 A2FHT	M40	15.0	1 1/4"	25.6	1 1/2"	25.0	32.2	50.0	55.0	38.8
50S A2FHT	M50	15.0	1 1/2"	26.1	2"	31.0	38.2	55.0	60.5	41.4
50 A2FHT	M50	15.0	2"	26.9	2 1/2"	35.6	44.0	60.0	66.0	45.8
63S A2FHT	M63	15.0	2"	26.9	2 1/2"	41.5	49.9	70.5	77.6	43.3
63 A2FHT	M63	15.0	2 1/2"	39.9	3"	48.2	54.9	75.0	82.5	43.6
75S A2FHT	M75	15.0	2 1/2"	39.9	3"	54.0	61.9	84.0	92.4	45.4
*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1' For NPT options add the following digits to the material suffix; 1/2" = 31; 3/4" = 32; 1" = 33; 1 1/4" = 34; 1 1/2" = 35; 2" = 36; 2 1/2" = 37; 3" = 38; 3 1/2" = 39; 4" = 310 (Brass requires prefix '0')										
Examples: 32A2FHTIRA534 = Nickel Plated Brass 1 1/4" NPT, 50SA2FHTIRA035 = Brass 1 1/2" NPT, 25A2FHTIRA432 = Stainless Steel 3/4" NPT, 20A2FHTIRA5 = Nickel Plated Brass M20										
Dimensions are displayed in millimetres unless otherwise stated										

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.