

A2FFC GLOBALLY APPROVED, FLEXIBLE CONDUIT EXPLOSIVE
ATMOSPHERE CABLE GLAND



IP66	Ex db
+130°C ↑ -60°C	Ex eb
Ex nR	Ex ta

FOR ALL TYPES OF UNARMoured & BRAIDED CABLES
HOUSED IN CONDUIT

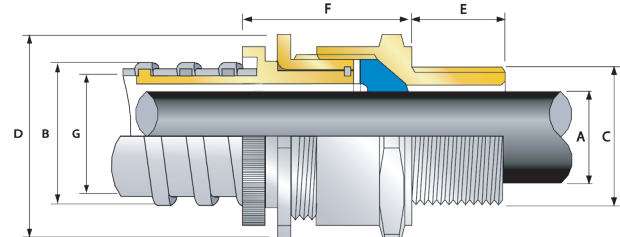
- Designed for flexible and rigid conduits
- Rigid conduits require thread adaptor from conduit supplier
- Suitable for conduit with rubber sheath / coating
- Displacement type flameproof seal
- -60°C to +130°C
- Globally marked, UKEX, IECEx, ATEX and CSA

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1321X, CML18ATEX4313X	IECEx CERTIFICATE	IECEx CML 18.0179X
UKEX CERTIFICATE	CML 21UKEX1245X, CML 21UKEX4246X		
CODE OF PROTECTION	Ex II 2G 1D Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da Ex II 3G Ex nR IIC Gc	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIC Da
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
CSA CERTIFICATE	1211841		
CODE OF PROTECTION	Ex d IIC, Ex e II, Ex nR II, Enclosure Type 4x		
COMPLIANCE STANDARDS	C22.2 No 0,0,4, 94, 174, CAN/CSA-60079-0,1,7,15		
EAC CERTIFICATE	RU C-GB.A07.B.02519/20	UkrSEPRO CERTIFICATE	CL 19.0371X
KCs KOSHA CERTIFICATE	13_GA4BO_0748X ; 13_GA4BO_0749X; 13_GA4BO_0750X; 14_GA4BO_0251X		
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
CCC CERTIFICATE	2020322313002951	INMETRO APPROVAL	TUV 211075X
ECAS CERTIFICATE	20-02-05362	SANS	IA S-XPL21804 21.0008X
MARINE APPROVALS	LRS: 01/00172, ABS: 20-LD1948801-PDA		

TECHNICAL DATA	
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
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured and Braided Housed in Flexible Conduit
SEALING TECHNIQUE	Displacement Seal
SEALING AREA(S)	Outer Sheath

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444

** Alternative conduit sizes available upon request. Ordering Suffix - e.g. C (conduit) 050 (CMP sizing reference)



EUTEX ORDERING REFERENCE (*BRASS METRIC)	ENTRY THREADS 'C'	THREAD LENGTH (METRIC) 'E' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)	DIAMETER OF CABLE 'A'		SPECIFIC INTERNAL DIAMETER OF CONDUIT "G"	MAXIMUM EXTERNAL DIAMETER OF CONDUIT 'B'	ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	MAXIMUM ENVELOPE DIAMETER	CABLE GLAND WEIGHT (kg)
			MIN	MAX			MAX	MAX			
20S16 A2FFC	M20 x 1.5	15.0	3.2	4.1	5.1	12.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	5.2	6.8	13.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	5.5	7.8	13.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.0	9.1	15.0	24.0	26.4	33.2	26.4	0.08
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.1	9.5	15.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.1	10.2	16.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.1	10.9	17.0	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.1	11.7	17.4	24.0	26.4	33.2	26.4	0.09
20S16 A2FFC	M20 x 1.5	15.0	3.2	8.1	12.2	19.0	24.0	26.4	33.2	26.4	0.09
20S A2FFC	M20 x 1.5	15.0	6.1	11.4	13.0	20.0	24.0	26.4	33.1	26.4	0.09
20S A2FFC	M20 x 1.5	15.0	6.1	11.7	13.9	20.0	24.0	26.4	33.1	26.4	0.09
20S A2FFC	M20 x 1.5	15.0	6.1	11.7	14.7	21.5	24.0	26.4	33.1	26.4	0.09
20 A2FFC	M20 x 1.5	15.0	6.5	13.1	15.6	21.6	27.0	29.7	35.4	29.7	0.10
20 A2FFC	M20 x 1.5	15.0	6.5	14.0	16.9	23.4	27.0	29.7	35.4	29.7	0.10
20 A2FFC	M20 x 1.5	15.0	6.5	14.0	18.0	24.0	27.0	29.7	35.4	29.7	0.10
20 A2FFC	M20 x 1.5	15.0	6.5	14.0	18.7	25.0	27.0	29.7	35.4	29.7	0.10
20 A2FFC	M20 x 1.5	15.0	6.5	14.0	20.0	26.3	27.0	29.7	35.4	29.7	0.12
20 A2FFC	M20 x 1.5	15.0	6.5	14.0	20.5	28.0	27.0	29.7	35.4	31.0	0.11
25 A2FFC	M25 x 1.5	15.0	11.1	15.3	17.6	25.0	36.0	39.6	43.1	39.6	0.16
25 A2FFC	M25 x 1.5	15.0	11.1	18.4	20.7	27.0	36.0	39.6	43.1	39.6	0.16
25 A2FFC	M25 x 1.5	15.0	11.1	19.0	22.3	28.5	36.0	39.6	43.1	39.6	0.17
25 A2FFC	M25 x 1.5	15.0	11.1	20.0	23.7	32.0	36.0	39.6	43.1	39.6	0.18
25 A2FFC	M25 x 1.5	15.0	11.1	20.0	25.1	31.0	36.0	39.6	43.1	39.6	0.17
25 A2FFC	M25 x 1.5	15.0	11.1	20.0	26.5	35.0	36.0	39.6	43.1	39.6	0.18
32 A2FFC	M32 x 1.5	15.0	17.0	26.0	28.1	35.8	41.0	45.1	43.1	45.1	0.21
32 A2FFC	M32 x 1.5	15.0	17.0	26.3	30.4	38.0	41.0	45.1	43.1	45.1	0.21
32 A2FFC	M32 x 1.5	15.0	17.0	26.3	34.6	45.0	41.0	45.1	43.6	48.0	0.25
40 A2FFC	M40 x 1.5	15.0	23.5	32.2	36.4	45.0	50.0	55.0	45.1	55.0	0.28
40 A2FFC	M40 x 1.5	15.0	23.5	32.2	40.0	49.0	50.0	55.0	45.1	55.0	0.30
50S A2FFC	M50 x 1.5	15.0	31.0	38.2	46.5	58.7	55.0	60.5	43.8	63.7	0.48
50S A2FFC	M50 x 1.5	15.0	31.0	38.2	51.2	61.0	55.0	60.5	43.8	65.0	0.49
50 A2FFC	M50 x 1.5	15.0	35.6	44.0	51.2	61.0	60.0	66.0	48.0	66.0	0.49

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' 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: 32A2F1001RA534 = Nickel Plated Brass 1 1/2" NPT, 50SA2F1001RA035 = Brass 1 1/2" NPT, 25A2F1001RA432 = Stainless Steel 3/4" NPT, 20A2F1001RA5 = 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.