

ZFE/CGE/ATEX - ZFA/CGA/ATEX ATEX fluoropolymer insulated constant power cables



Characteristics

- Welded contact points.
- Can be cut to length on site.
- Extremely simple termination.
- Cold tail incorporated: no extra connection necessary.
- Available as 10, 20, 30 or 40 W/m.
- ZFA/CGA/ATEX also available as 50 W/m.
- Power supply: 230 V as standard.
- **ZFE/CGE/ATEX:** PFE fluoropolymer insulated constant power cables with tinned copper braid and outer sheath PFE fluoropolymer insulation.
- **ZFA/CGA/ATEX:** PFA fluoropolymer insulated constant power cables with tinned copper braid and PFA fluoropolymer outer sheath.

Applications

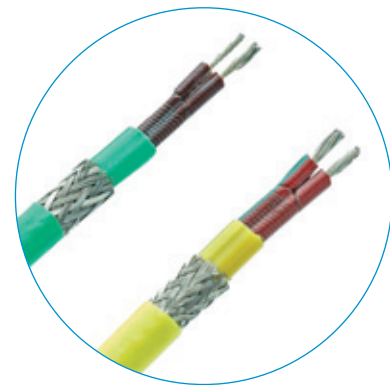
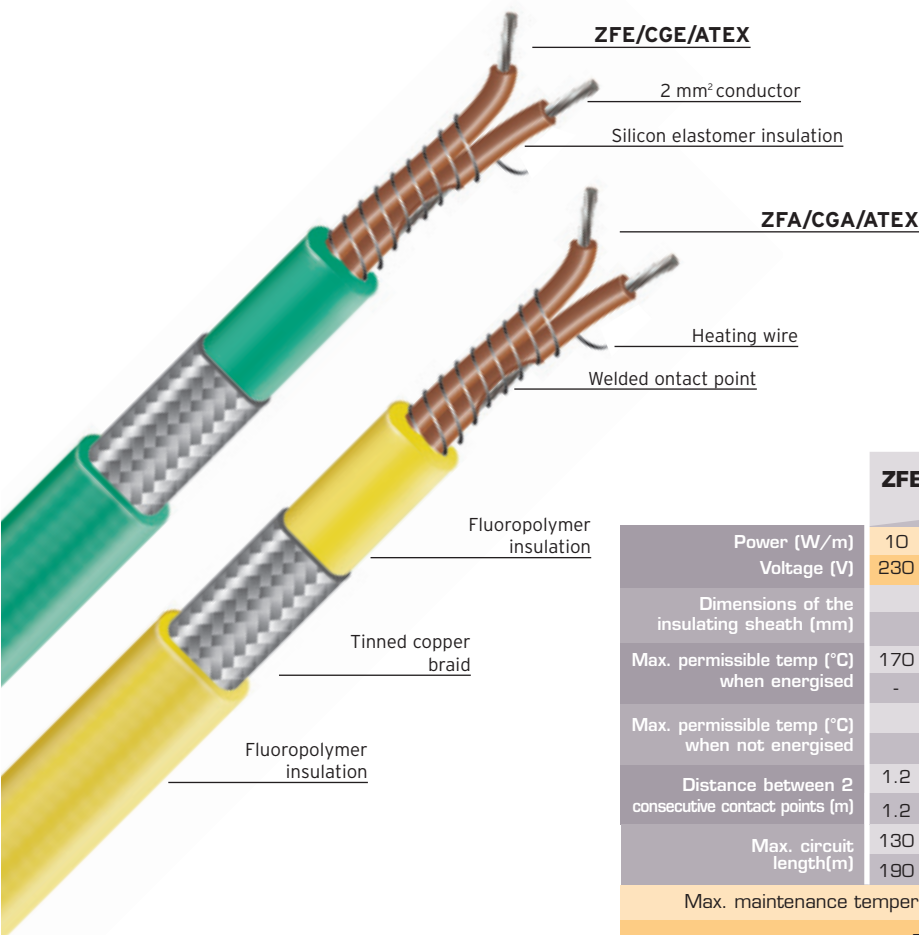
ZFE/CGE/ATEX and ZFA/CGA/ATEX cables are particularly suitable for maintaining temperatures of up to +150°C.

Their fluoropolymer insulation endows them with the ability to withstand corrosive substances, making these cables particularly well-suited for use in the chemical industry.

These cables can, with the appropriate accessories, be used in an explosive atmosphere.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.

ATEX Certificate: LCIE N°03ATEX6302X II 2G/D



ZFE/CGE/ATEX

ZFA/CGA/ATEX

	ZFE/CGE/ATEX					ZFA/CGA/ATEX				
	10	10	20	20	30	30	40	40	50	50
Power (W/m)	10	10	20	20	30	30	40	40	50	50
Voltage (V)	230	400	230	400	230	400	230	400	230	400
Dimensions of the insulating sheath (mm)	5.0 x 7.3									
	4.6 x 7.5									
Max. permissible temp (°C) when energised	170	-	145	-	115	-	75	-	-	-
	-	-	-	-	-	-	-	-	-	-
Max. permissible temp (°C) when not energised	205									
	260									
Distance between 2 consecutive contact points (m)	1.2	-	1	-	1	-	1	-	-	-
	1.2	2	1	1.5	1	1.2	1	1	1	1
Max. circuit length(m)	130	-	90	-	70	-	60	-	-	-
	190	220	120	170	100	160	90	150	75	135
Max. maintenance temperature for a given temperature class (°C)										
	T6		T5		T4		T3		T2	
10 W	45	45	60	60	95	95	160	160	160	215
20 W	X	X	30	30	70	70	135	135	135	190
30 W	X	X	X	X	40	40	115	115	115	170
40 W	X	X	X	X	X	X	90	90	90	145
50 W	-	X	-	X	-	X	-	53	-	95

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

FLEXELEC S.A.S

10, rue des frères Lumière
Z.A. du Bois Rond
69720 ST BONNET DE MURE - FRANCE
Tel: + 33 (0)4.72.48.30.90
Fax: + 33 (0)4.78.40.82.81
E-mail: flexelec@omerin.com

FLEXELEC Dept

OMERIN ASIA Pte Ltd
51 Goldhill Plaza #08-12/01
SINGAPORE 308900
Tel: + 65.6255.4778
Fax: + 65.6255.4779
E-mail: sales@omerin.com.sg

FLEXELEC (UK) Ltd

Unit 11 Kings Park Industrial Estate
Primrose Hill - KINGS LANGLEY
Hertfordshire - WD4 8ST - UK
Tel: + 44 (0) 1923.274477
Fax: + 44 (0) 1923.270264
E-mail: sales@omerin.co.uk

FLEXELEC Dept

OMERIN GmbH
Tennweg 2 B
D-65510 IDSTEIN - GERMANY
Tel: + 49 (0) 6126.94.31-0
Fax: + 49 (0) 6126.83.99
E-mail: omeringmbh@omerin.com