

## GAALFLEX® TRAY VFD 1410 2000 V

Inverter, connection to frequency converters, UV Resistant, UL 1277 type TC-ER 2000 V 90°C Dry 90°C Wet



ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1410 2000 V  
 UL 1277 Type TC-ER, 2000 V  
 UL: type RHH or RHW-2 conductors per UL 44  
 and ICEA S-95-658, NEMA WC 70  
 CSA: c (UL) CIC/TC FT4



### Construction:

<b>Conductor:</b>	stranded red copper, acc.to ASTM B-3 and ASTM B-8
<b>Insulation:</b>	special XLPE compound
<b>Cores color:</b>	acc. to ICEA S-58 679 method 4 black conductors whit number printed
<b>Earth conductor:</b>	stranded red copper, acc.to ASTM B-3 and ASTM B-8
<b>Earth conductor insulation:</b>	uninsulated
<b>Stranding:</b>	in layers
<b>Screen:</b>	red copper tape
<b>Outer Sheath:</b>	black (similar RAL 9005), special PVC compound

### Resistance:



#### Flame test acc. to:

UL 1581,  
 UL 2556 VW-1,  
 CSA FT4,  
 UL 1685 vertical flame test,  
 IEEE 383, IEEE 1202 vertical tray flame test,  
 ICEA T-29-520

### Technical data:

<b>Nominal voltage UL:</b>	2000 V
<b>Temperature range</b>	
<i>Fixed laying:</i>	- 25 °C up to + 90 °C
<i>Flexible application:</i>	- 25 °C up to + 90 °C
<b>Min. bending radius:</b>	12 x d

### Features:

UV resistant  
 outdoor use  
 installation in hazardous areas  
 on request special EPR compound insulation version  
 on request 4 conductor version  
 UL 1277 Type TC-ER, 2000 V  
 UL: type RHH or RHW-2 conductors per UL 44  
 and ICEA S-95-658, NEMA WC 70  
 suitable for application acc. to EN 55011, DIN VDE 0875  
 and EN 61800-3  
 RoHS approval  
 EPA 40 CFR, part 261  
 OSHA and MSHA on request



### UL/CSA Standards:

UL 44 2000 V thermoplastic insulation  
 UL 1277 60°C for Oil Res I  
 on request CSA: c(UL) CIC/TC FT4  
 on request CSA C22.2 No 230 for tray cable  
 on request CSA C22.2 No 239  
 for control and instrumentation cable

# GAALFLEX® VFD CABLES

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Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Copper weight		Cable weight approx.	
			Lbs/Mft -	kg/km	Lbs/Mft -	kg/km
33110171037A14	3 x 14 + 3 x 18	0,58 - 14,73	91 - 135		212 - 315	
33110171037A12	3 x 12 + 3 x 16	0,615 - 15,37	127 - 189		260 - 387	
33110171037A10	3 x 10 + 3 x 14	0,67 - 17,2	183 - 272		329 - 490	
33110171037A08	3 x 8 + 3 x 14	0,77 - 19,56	246 - 366		441 - 656	
33110171037A06	3 x 6 + 3 x 12	0,895 - 22,73	368 - 548		618 - 920	
33110171037A04	3 x 4 + 3 x 12	0,995 - 25,7	522 - 777		830 - 1235	
33110171037A02	3 x 2 + 3 x 10	1,125 - 28,58	801 - 1192		1152 - 1714	
33110171037A1C	3 x 1/0 + 3 x 6	1,385 - 35,18	1348 - 2006		1853 - 2757	
33110171037A2C	3 x 2/0 + 3 x 6	1,48 - 37,59	1616 - 2405		2169 - 3227	
33110171037A3C	3 x 3/0 + 3 x 5	1,59 - 40,39	2010 - 2991		2619 - 3897	
33110171037A4C	3 x 4/0 + 3 x 4	1,78 - 45,21	2517 - 3745		3241 - 4823	
33110171037A5C	3 x 250 + 3 x 4	1,94 - 49,28	2895 - 4308		3763 - 5599	
33110171037A7C	3 x 350 + 3 x 2	2,16 - 54,86	4089 - 6084		5109 - 7602	
33110171037AAC	3 x 500 + 3 x 1	2,45 - 62,36	5693 - 8471		6933 - 10316	

Other dimension and colours available on request.