

# GAALFLEX® VFD CABLES

## 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:

- Conductor:** stranded red copper, acc.to ASTM B-3 and ASTM B-8
- Insulation:** special XLPE compound
- Cores color:** acc. to ICEA S-58 679 method 4 black conductors whit number printed
- Earth conductor:** stranded red copper, acc.to ASTM B-3 and ASTM B-8
- Earth conductor insulation:** uninsulated
- Stranding:** in layers
- Screen:** red copper tape
- Outer Sheath:** 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

### 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

CSA: c (UL) CIC/TC FT4

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
- CSA C22.2 No 230 for tray cable
- CSA C22.2 No 239 for control and instrumentation cable

### Technical data:

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

Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. 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 - 25,77	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.