

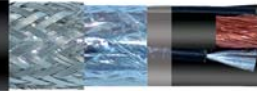
## GAALFLEX® TRAY VFD I 500 T

Inverter, connection to frequency converters, UV Resistant, UL 2277 WTTC 1000 V 90°C Dry 75°C Wet



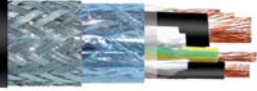
### ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1500 T

UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I  
UL style 1277 60°C 600 V WTTC and  
UL 1277, UL type TC-ER for 600 V on request  
UL style 2277 WTTC 1000 V 90°C dry



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UL style 2277 WTTC 1000 V 90°C dry



### Construction:

<b>Conductor:</b>	finely stranded red copper, acc.to ASTM B-3 or ASTM B-33 and B-172 or B-174
<b>Insulation:</b>	special PVC/Nylon compound
<b>Cores color:</b>	4 conductors: black conductors and green/yellow or 3 black conductors + 3 earth conductors
<b>Stranding:</b>	in layers
<b>Screen:</b>	aluminium tape + PETP foil and tinned copper braid + tinned copper drain wire
<b>Ripcord:</b>	high strenght ripcord under outer sheath
<b>Outer Sheath:</b>	black (similar RAL 9005), special TPE compound

### Technical data:

<b>Nominal voltage UL:</b>	1000 V
<b>Temperature range</b>	
<i>Fixed laying:</i>	- 25 °C up to + 90 °C
<i>Flexible installation:</i>	- 25 °C up to + 90 °C
<b>Min. bending radius</b>	6 x D

### Resistance:



**Fire performance acc. to:**  
c(UL) FT4

### Features:

- UV resistant
- outdoor use
- installation in hazardous areas
- UL Type TC-ER c(UL) Type CIC FT4, Sun Res, Oil Res I
- UL 1277 60°C 600 V WTTC and
- UL 1277, UL type TC-ER for 600 V on request
- UL 2277 WTTC 1000 V 90°C dry
- suitable for application acc. to EN 55011, DIN VDE 0875 and EN 61800-3
- RoHS approval
- tinned copper on request
- on request MSHA approved



### UL/CSA Standards:

- ASTM B-3
- ASTM B-33
- ASTM B-172
- ASTM B-174
- UL 66 basic construction, test and marking
- UL 83 600 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

# GAALFLEX® VFD CABLES

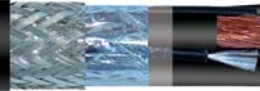
## GAALFLEX® TRAY VFD I 500 T

Inverter, connection to frequency converters, UV Resistant, UL 2277 WTTTC 1000 V 90°C Dry 75°C Wet



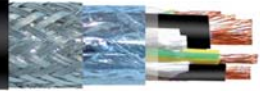
**ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1500 T**

UL Type TC-ER c(UL) Type C1C FT4, Sun Res, Oil Res I  
UL style 1277 60°C 600 V WTTTC and  
UL 1277, UL type TC-ER for 600 V on request  
UL style 2277 WTTTC 1000 V 90°C dry



**ELETTROTEK KABEL® GAALFLEX® TRAY VFD 1500 T**

UL Type TC-ER c(UL) Type C1C FT4, Sun Res, Oil Res I  
UL style 1277 60°C 600 V WTTTC and  
UL 1277, UL type TC-ER for 600 V on request  
UL style 2277 WTTTC 1000 V 90°C dry



Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Cable weight approx. Lbs/Mft - kg/km
33070H70041A16	4 G 16	0,395 - 10	121 - 180
33070H70041A14	4 G 14	0,435 - 11	153 - 228
33070H70041A12	4 G 12	0,475 - 12,1	197 - 293
33070H70041A10	4 G 10	0,595 - 15,1	296 - 441
33070H70041A08	4 G 8	0,73 - 18,5	440 - 654
33070H70041A06	4 G 6	0,825 - 21	609 - 907
33070H70041A04	4 G 4	1,045 - 26,5	940 - 1399
33070H70041A02	4 G 2	1,19 - 30,2	1328 - 1976
33070H70041A01	4 G 1	1,33 - 33,8	1651 - 2457
33070H70041A1C	4 G 1/0	1,425 - 36,2	1986 - 2955
33070H70041A2C	4 G 2/0	1,545 - 39,2	2405 - 3579
33070H70041A3C	4 G 3/0	1,665 - 42,3	2917 - 4340
33070H70041A4C	4 G 4/0	1,915 - 48,6	3721 - 5536
33070H70041A5C	4 G 250 MCM	2,09 - 53,1	4336 - 6452
33070H70041A6C	4 G 300 MCM	2,195 - 55,8	5036 - 7494
33070H70041A7C	4 G 350 MCM	2,33 - 59,2	5809 - 8644
33070H70041A8C	4 G 400 MCM	2,4 - 61	6442 - 9586
33070H70041AAC	4 G 500 MCM	2,615 - 66,4	7886 - 11705
33070H70037A08	3x8+3G14	0,7 - 17,8	401 - 597
33070H70037A02	3x6+3G12	0,785 - 19,9	554 - 824
33070H70037A04	3x4+3G12	0,975 - 24,8	809 - 1204
33070H70037A02	3x2+3G10	1,105 - 28,1	1147 - 1707
33070H70037A01	3x1+3G8	1,235 - 31,4	1471 - 2189
33070H70037A1C	3x1/0+3G8	1,315 - 33,4	1719 - 2558
33070H70037A2C	3x2/0+3G8	1,42 - 36,1	2032 - 3024
33070H70037A3C	3x3/0+3G6	1,53 - 38,9	2521 - 3751
33070H70037A4C	3x4/0+3G6	1,76 - 44,7	3139 - 4671
33070H70037A5C	3x250 MCM+3G6	1,915 - 48,6	3596 - 5351
33070H70037A6C	3x300 MCM+3G4	2,01 - 51,1	4296 - 6392
33070H70037A7C	3x350 MCM+3G4	2,13 - 54,1	4873 - 7521
33070H70037A8C	3x400 MCM+3G4	2,195 - 55,8	5347 - 7956
33070H70037AAC	3x500 MCM+3G2	2,39 - 60,7	6653 - 9900

Other dimension and colours available on request.