

CONTROL AND CONNECTION CABLES

GAALFLEX® TRAY INSTRUMENTATION 600 SPOS

Special paired XLPE/PVC UV and oil resistant, with individual and overall Aluminium tape screen, TC-ER 90°C 600V Dry or wet, UL 1277 type TC



ELETTROTEK KABEL® GAALFLEX® INSTRUMENTATION 600 SPOS



Construction:

Conductor:	stranded red copper conductor similar Cl. 2, acc. to IEC 60228, ASTM B33 and B8
Insulation:	special XLPE compound flame-retardant
Colour cores:	acc. to ICEA table E1: pairs: black and white numbered
Stranding:	in pairs
Screen	
<i>Individual:</i>	aluminium tape + PETP foil on each pair
<i>Overall:</i>	aluminium tape + PETP foil
Outer sheath:	black (RAL 9005), special PVC oil and UV resistance compound

Resistance:



Fire performance acc. to:
UL 1581 / IEEE 383



Low smoke emission acc. to:
UL 1685

Technical data:

Nominal voltage:	UL: 600V
Test voltage:	4 kV
Temperature range	UL: - 40°C up to +90°C
Min. bending radius:	
<i>Fixed laying:</i>	5 x d
<i>During Installation:</i>	8 x d

Features:

on request tinned copper conductor
on request flexible conductors
on request Method 4 color code
on request fire performance acc. to FT4 and IEEE 1202
UV and weather resistance
abrasion and chemical resistance
Type TC-ER UL 600V 90°C dry or wet
sunlight resistant oil resistant I direct burial
TC: UL Standard 1277
acc. to UL 1581
acc. to EPA 40 CFR, Part 261, Subpart C,
heavy metals per table 1, TCLP method
acc. to ICEA S-95-658 (WC70)
approved for class 1 div 2 hazardous location
acc. to NEC article 501 (TC)
acc. to NEC article 336 applications
on request RoHS and CE approval



Part no.	No. of pair(s) x cross section n x AWG	Outer-Ø ca. mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km
32100F7T022A18	2 x 2 x 18	0,490 - 12,45	-	98 - 146
32100F7T042A18	4 x 2 x 18	0,598 - 15,19	-	176 - 262
32100F7T082A18	8 x 2 x 18	0,755 - 19,18	-	290 - 432
32100F7T122A18	12 x 2 x 18	0,930 - 23,62	-	438 - 652
32100F7T242A18	24 x 2 x 18	1,254 - 31,85	-	796 - 1185
32100F7T362A18	36 x 2 x 18	1,442 - 36,63	-	968 - 1440
32100F7T022A16	2 x 2 x 16	0,562 - 14,27	-	140 - 208
32100F7T042A16	4 x 2 x 16	0,674 - 17,07	-	227 - 338
32100F7T082A16	8 x 2 x 16	0,800 - 20,32	-	375 - 558
32100F7T122A16	12 x 2 x 16	1,015 - 25,78	-	571 - 850
32100F7T242A16	24 x 2 x 16	1,368 - 34,75	-	1044 - 1554
32100F7T362A16	36 x 2 x 16	1,574 - 39,98	-	1477 - 2198

Other dimension and colours available on request.