

CONTROL AND CONNECTION CABLES

GAALFLEX® TRAY INSTRUMENTATION 600 POS

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



ELETTROTEK KABEL® GAALFLEX® INSTRUMENTATION 600 POS



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:	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
32090F7T012A18	1 x 2 x 18	0,314 - 7,98	-	45 - 67
32090F7T022A18	2 x 2 x 18	0,476 - 12,09	-	89 - 132
32090F7T042A18	4 x 2 x 18	0,582 - 14,78	-	156 - 132
32090F7T082A18	8 x 2 x 18	0,733 - 18,61	-	255 - 380
32090F7T122A18	12 x 2 x 18	0,902 - 22,91	-	383 - 570
32090F7T242A18	24 x 2 x 18	1,198 - 30,43	-	665 - 990
32090F7T362A18	36 x 2 x 18	1,360 - 34,54	-	909 - 1353
32090F7T012A16	1 x 2 x 16	0,338 - 8,59	-	56 - 83
32090F7T022A16	2 x 2 x 16	0,548 - 13,92	-	184 - 274
32090F7T042A16	4 x 2 x 16	0,632 - 16,05	-	218 - 324
32090F7T082A16	8 x 2 x 16	0,800 - 20,32	-	328 - 488
32090F7T122A16	12 x 2 x 16	0,988 - 25,10	-	496 - 738
32090F7T162A16	16 x 2 x 16	1,108 - 28,14	-	625 - 930
32090F7T242A16	24 x 2 x 16	1,312 - 33,32	-	869 - 1293
32090F7T362A16	36 x 2 x 16	1,530 - 38,86	-	1258 - 1872

Other dimension and colours available on request.