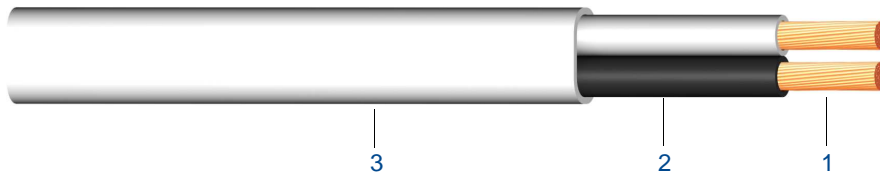


Dual Conductor



Power cable

Halogen-free, flame retardant



Construction:

1. Conductor: Stranded, annealed copper wires class 5 IEC 60228.
2. Insulation: Flame retardant polyolefin.
Color identification: grey and black.
3. Sheath: Flame retardant, grey polyolefin. Example of marking:
"NKT TFL281324/0 2x10 AWG (2x6 mm²) max 600 V 90C DRY
CT Use VW-1 (UL) E194163 TCOPC"

Application:

Halogen free and flame retardant cable for battery connection and power supply to radio and other telecom equipment. CPR and UL listed. Indoor use.

Properties:

Rated voltage	Max 600 V	Fire classification	IEC 60332-3-24 (Cat C) UL 1685, Vertical Tray UL 1581 VW-1 CPR Class D _{ca}
Minimum operating temperature	-20°C (-40°C when fixed)	Fulfils low voltage directive, CE	Yes
Maximum operating temperature	+90°C	Fulfils RoHS	Yes
Minimum bending radius	5 x Outer diameter	Fulfils REACH	Yes

Technical data:

No. of cores and cross-section mm ²	Outer measures mm	Cable weight kg/km	Effective resistance of conductor Ω/km	Inductance μH/m	Part number
2 x 2.5 (2x14AWG)	4.7 x 7.8	75	7.98	0.4	TFL281322
2 x 4 (2x12AWG)	5.2 x 8.8	104	4.95	0.4	TFL281323
2 x 6 (2x10AWG)	5.7 x 9.9	141	3.30	0.4	TFL281324
2 x 10 (2x8AWG)	6.6 x 11.7	218	1.91	0.4	TFL281325
2 x 16 (2x6AWG)	7.7 x 13.9	333	1.21	0.4	TFL281326
2 x 25 (2x4AWG)	10.0 x 18.0	547	0.78	0.4	TFL281327
2 x 35 (2x2AWG)	11.6 x 20.8	747	0.55	0.4	TFL281328

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Influence on the environment. The product does not have any negative influence on the environment.