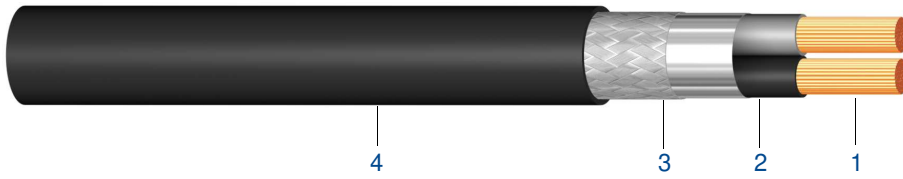


Power cable

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. Shield: AL/PET tape and tin-plated annealed copper wires.
- 4. Sheath: Flame retardant polyolefin. Example of marking: "NKT TFL252504/2 RLCL 2x12AWG VW-1 AWM 10513 21254 Sunlight resistant" year/week. Min. jacket thickness at any point = 0.6 mm

Application:

Halogen free, shielded and flexible power cable for use in telecom equipment when there are requirements for high electro-magnetic compatibility, (EMC). Sunlight resistant (UL1581 sec. 1200), outdoor use. UL Recognized for internal and external use.

Properties:

Rated voltage	Max 300 V	Fire classification	IEC 60332-1 UL 1581 VW-1
Minimum operating temperature	-20°C (-40°C when fixed)	Fulfils low voltage directive, CE	Yes
Maximum operating temperature	+80°C dry	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 (nominal) mm	Cable weight kg/km	Effective resistance of conductor Ω/km	Inductance μH/m	Part number
2x18 AWG	6.9 x 5.5	57	23	0.6	TFL252501/2
2x2.5	8.3	100	8.21	0.6	TFL252503/2
2x4	6.5 x 10.3	138	5.09	0.6	TFL252504/2

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