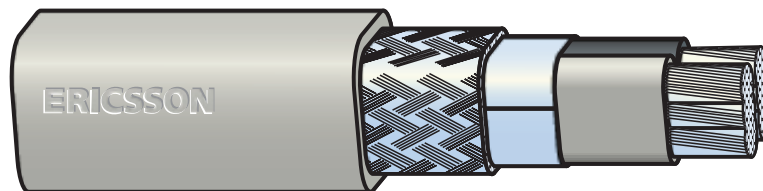


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CABLE



**1 General**

Description.

UL listed Cable for power supply in telecom equipment where there are demands for halogen free insulation and sheath. Intended for indoor use.

TFL492324/0, TFL492325/0 and TFL492326/0 has a UV-stabilized sheath according to UL1581 "sunlight resistant" and can be used outdoor as well.

**2 Design**

Dimensions and other engineering data according to product list table 2.

Conductor: Stranded, tinned copper wires.

Insulation: Halogen free, thermoplastic. Colours according to product list.

Shield: AL/PET foil together with annealed tinned copper wires, braid or helically applied with alternating direction (SZ). Screen area on TFL492322 have maximum resistance 8,21Ω/KM. Remaining dimension have maximum resistance 5,09Ω/km.

Sheath: Halogen free, thermoplastic. Colours according to product list.

**3 Length.**

Quantity shall be given in meters.

**4 Limiting values, table 1**

Parameter	Condition	Value	Unit
Conductor resistance	2,5 mm <sup>2</sup>	max 8,21	ohm/km
Conductor resistance	6 mm <sup>2</sup>	max 3,39	ohm/km
Conductor resistance	10 mm <sup>2</sup>	max 1,95	ohm/km
Conductor resistance	16 mm <sup>2</sup>	max 1,24	ohm/km
Test voltage	f=50Hz, 1 minute	2	kV AC
Operating voltage		max 100	V
Operating temperature		-20 (-40 when fixed) to +90	°C
Bending radius		8 x outer diameter	mm
Fire resistance	IEC60332-3-24		

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**5 Marking on cable**

Manufacturer name.

Product number according to product list.

Manufacturers cable designation, number of conductors and cross-section.

Date of manufacture, (YYWW).

Cable tray Use (UL) Telephone Central Office Power Cable.

TFL492324/0, TFL492325/0 and TFL492326/0 is also marked "sunlight resistant".

Marking shall be eligible and durable and repeated twice every meter.

**6 Marking on package.**

Manufacturer name.

Product number according to product list.

Manufacturers cable designation, number of conductors and cross-section.

Cable tray Use (UL) Telephone Central Office Power Cable.

**7 Product list, table 2.**

Product number	Number of conductors X Cross section	Colour Insulation	Colour Sheath	Wall thickness Insulation Nominal value (mm)	Diameter over sheath. Nominal value (mm)	Weight (kg/100m)
TFL492322	2 x 2,5mm <sup>2</sup> (2 x 14 AWG)	Black, grey	Grey	0,60	7,3 x 7,0	10
TFL492324	2 x 6mm <sup>2</sup> (2 x 10 AWG)	Black, grey	Grey	0,70	9,5 x 9,5	19
TFL492324/0	2 x 6mm <sup>2</sup> (2 x 10 AWG)	Black, grey	Black, UV- stabilized	0,70	9,5 x 9,5	19
TFL492325/0	2 x 10mm <sup>2</sup> (2 x 8 AWG)	Black, grey	Black, UV- stabilized	0,70	11,5 x 10,5	29
TFL492326/0	2 x 16mm <sup>2</sup> (2 x 6 AWG)	Black, grey	Black, UV- stabilized	0,70	13,6 x 11,8	42

/0 = Black sheath with UV protection (UL 1581).

**8 References**

IEC 60332-3-24 Fire performance.

IEC 60228 class 5 Conductor resistance.

UL Listed Authorized licensee of UL.

UL 1581, 1200 Sunlight resistant (only products with a black Sheath).

**9 Document revision information**

Rev B: Update.

Rev C: Added new product TFL492325/0.

Rev D: Added new product TFL492326/0.

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Rev E: Added new product TFL492324/0.

Rev F: Change conductor resistance on 6mm<sup>2</sup>.

Rev G: Change temperature range.

Rev H: Update design (shield).

Rev J: Update General and design.

Rev K: Update design item 2, shield with max resistance at 20°C.

Rev L: Update references and information about UL1581 "sun res"