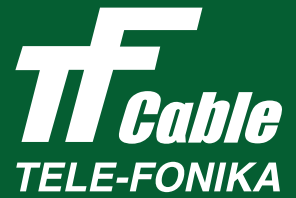


FLEXIBLE TO THE CORE



FLEXIBLE SINGLE CONDUCTOR POWER CABLE

You get the best and most flexible solution every time with DKSH's range of **Tele-Fonika flexible single conductor power cable**. We couldn't force any more value into this highly flexible range. And when you see the prices you'll wonder how we did it. Choose flexibility, choose Tele-Fonika from DKSH.

EXTENSIVE RANGE OF APPLICATIONS

Tele-Fonika's heavy duty rubber power cable range is perfect for **damp, wet or polluted environments** with multiple applications such as **power supplies, submersible motors, aerators, switchboards, gensets and pumps**.

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submersible

uv resistant

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TF Cable
TELE-FONIKA

UV RESISTANT

The range of TFK R-E-110 flexible cables are fully protected against Ultra Violet radiation. These products are designed to withstand the harsh levels of UV radiation generated by the Australian sun.

The UV resistance properties in the TFK R-E-110 will protect the sheath from becoming brittle and cracking, and will therefore prolong the operating life when exposes to these harsh conditions.

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SUBMERSIBLE

The TFK R-E-110 is a submersible rubber cable suitable for installation inside or outside in dry, damp, wet and heavily polluted environments.

The cable can be immersed in fresh water, salt water, waste water, storm water, oily water and/or heavily contaminated water including sewerage to a depth of 100 meters.

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HALOGEN FREE

With the increased demand for safety in public areas and buildings, customers are looking to install materials that are non-hazardous to members of the public in case of fire. It is now understood that smoke and poisonous fumes can be a greater risk to lives than that of fire alone. These products are called Low Smoke, Halogen Free.

The TFK range of R-E-110 cables comprise a low smoke, halogen free, rubber insulated and sheathed compound.

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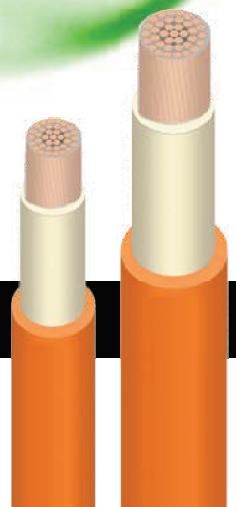
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110°C RATED

The special Insulation compound used in the TFK R-E-110 cable allows the conductor temperature to operate continually up to 110°C. This higher operating temperature allows the cable to handle higher currents, compared to lower temperature rated cables.

The higher current carrying capacity of the R-E-110 cable may result in a reduced conductor size requirement, therefore a significant overall cost saving.

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HIGHLY FLEXIBLE

The TFK R-E-110 cable is made up of Class 6 Flexible Super Fine wire strands.

This means that the R-E-110 cable has a maximum bending radius of 10 times the cable diameter when the cable is continually flexing, and a maximum bending radius of 6 times the cable diameter when the cable is installed in a fixed application.

This results in a significant saving of time during the installation process.

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MADE IN EUROPE

The R-E-110 cable is manufactured by TFK in Poland, which is the largest cable manufacturing company in Central Europe.

TFK has an established Quality and Environmental policy which is realized through Continuous efforts to improve the Quality, Environmental and OHS Management System in accordance with the ISO 9001:2008 standard, with the specification ISO/TS 16949:2009, the ISO 14001:2004 and OHSAS 18001:2007 standards.

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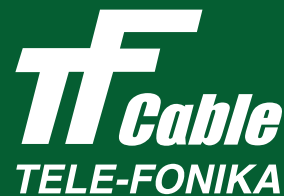


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TF Cable
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FLEXIBLE TO THE CORE



R-E-110 Rubber SDI Cable

Highly flexible single conductor, SDI, halogen free power cable

Construction

Class 6 super fine copper conductors, EPR thermosetting compound type R-E-110 insulation, halogen-free, low smoke, flame and heat retardant, UV, oil, chemical and weather-resistant orange thermosetting compound R-E-110 sheath. Other colours available on request subject to minimum order quantity and lead time.

Minimum Bending Radius

Fixed: 6 x cable diameter
Flexing: 10 x cable diameter

Nominal Voltage

600/1000V

Features

- UV resistant
- Submersible
- Halogen free
- 110° rated

Temperature Range

Fixed: -40°C to +110°C
Flexing: -25°C to +90°C

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| Part No. | Nominal conductor area mm ² and number of cores | | Stranding | Current rating* (AMPS) | Approx. overall Ø mm | Approx. weight kg/km |
|----------|---|--------|------------|---------------------------|----------------------------|----------------------------|
| G-012568 | 10mm ² | 1 core | 301 x 0.2 | 80 | 8.65 | 149 |
| G-012569 | 16mm ² | 1 core | 470 x 0.2 | 105 | 9.80 | 202 |
| G-012570 | 25mm ² | 1 core | 726 x 0.2 | 139 | 11.35 | 293 |
| G-012571 | 35mm ² | 1 core | 1040 x 0.2 | 172 | 12.70 | 390 |
| G-022907 | 50mm ² | 1 core | 1499 x 0.2 | 217 | 14.35 | 535 |
| G-012573 | 70mm ² | 1 core | 2165 x 0.2 | 273 | 16.30 | 725 |
| G-012574 | 95mm ² | 1 core | 2745 x 0.2 | 329 | 18.70 | 870 |
| G-012575 | 120mm ² | 1 core | 1554 x 0.3 | 390 | 20.65 | 1205 |
| G-012576 | 150mm ² | 1 core | 1961 x 0.3 | 450 | 23.00 | 1500 |
| G-012577 | 185mm ² | 1 core | 2331 x 0.3 | 516 | 25.45 | 1840 |
| G-012579 | 240mm ² | 1 core | 3172 x 0.3 | 620 | 28.30 | 2350 |
| G-012581 | 300mm ² | 1 core | 3965 x 0.3 | 714 | 31.15 | 2915 |
| G-012582 | 400mm ² | 1 core | 5246 x 0.3 | 855 | 34.90 | 3817 |

*AS/NZS 3008.1.1:2009 Table 9 (Fixed-Unenclosed, Touching, Flexible Copper Conductor) 110°C operating temperature, 40°C air temperature, 25°C soil temperature.

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