

# CERTIFICATE

Issued to:

Applicant:

**B.V. Twentsche Kabelfabriek**  
Spinnerstraat 15  
7481 KJ Haaksbergen  
The Netherlands

Manufacturer/Licensee:

**B.V. Twentsche Kabelfabriek**  
Spinnerstraat 15  
7481 KJ Haaksbergen  
The Netherlands

Product : non-sheathed cable with flexible conductors for internal wiring for a maximum conductor temperature of 90 °C  
Trade name : TKF  
Type : VMDpf 90

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard KEMA 151-3:1997 + W1:2010;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900420

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

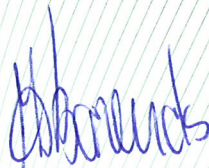
This certificate is issued on: 4 January 2012 and expires upon withdrawal of one of the above mentioned standards.

**Certificate number: 2148265.01**

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.R.M. Barends  
Certification Manager

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All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	:	non-sheathed cable with flexible conductors for internal wiring for a maximum conductor temperature of 90 °C
trade name	:	TKF
type	:	VMDpf 90
rated voltage	:	300/500 V
conductors	:	copper, class 5
separator	:	XLPE compound
insulation	:	PVC compound of type PVC/E
tested cable	:	4x2,5 mm <sup>2</sup>
certified cables	:	3x1,5 mm <sup>2</sup> 4x1,5 mm <sup>2</sup> 3x2,5 mm <sup>2</sup> 4x2,5 mm <sup>2</sup>

**TESTS****Test requirements**

KEMA 151-3:1997 + W1:2010

**Test result**

The test results are laid down in DEKRA test file 2148265.01.

**Remarks**

This KEMA-KEUR certificate supersedes KEMA-KEUR certificate no. 2132351.01, dated 12 March 2011.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : R. Rosbag



Checked by : A.A. Mackenbach

**Factory location**B.V. Twentsche Kabelfabriek  
Spinnerstraat 15  
7481 KJ Haaksbergen  
The Netherlands