

## **CERTIFICATE FI/40489**

Our Ref. HEL-CERT190600424-03

Product XLPE insulated power cable 10 kV, 20 kV, 36 kV

Type AHXAMK-W

AHXAMK-WP AHXAMK-WM

Trademark TF KABLE 5

Certificate Holder TELE-FONIKA KABLE S.A.

Hipolita Cegielskiego 1 32-400, Myslenice, Poland

**Technical information** Number and nominal cross-sectional area of conductors

3x35-800 Al/35-70 Cu

Other information Rated voltage 6/10 (12) kV, 12/20 (24) kV or 18/30 (36) kV

The product is certified according to the following

standard(s)

HD 620 S2:2010 Part 10 Section F

SFS 5636:2017

Validity This certificate is valid until 02 December 2024 provided that the Conditions for

FI certification are met. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

Date of issue 02 December 2019

SGS Fimko Ltd

Signature

Sixten Lökfors

Project Manager

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**SGS Fimko Ltd** 

Takomotie 8, FI-00380 Helsinki, Finland t. +358 9 696 361 www.sgs.fi



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Manufacturer TELE-FONIKA KABLE S.A.

Hipolita Cegielskiego 1 32-400, Myslenice, Poland

Manufacturing site TELE-FONIKA KABLE S.A.

Fordonska 152 85-957, Bydgoszcz

Kujawsko-Pomorskie, Poland

Additional information This certificate is based on testing at SGS Fimko and witness testing at

TELE-FONIKA KABLE S.A. Protocol No. 52/2019 and Test Report

No 0095/TJC/2019.

This certificate replaces Certificate FI/40282 dated 17 June 2019, due to new testing.

Types and Construction:

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	AHXAMK-W	AHXAMK-WP	AHXAMK-WM
Standard	HD 620 S2:10F-3	HD 620 S2:10F-5	HD 620 S2:10F-6
Conductor	Aluminium, longitudinally watertight acc. to EN 60228		
Conductor screen	Black semi-conducting polyethylene		
Insulation	Natural XLPE		
Insulation screen	Black semi-conducting polyethylene, fully bonded to the insulation		
Ins. screen overtaping	Semi-conducting water blocking tape		
Metallic screen	Aluminium tape with PE copolymer fully bonded to the outer sheath		
Outer sheath	Black PE		
Assembly of cores	Three sheathed cores are laid up	Three sheathed cores are laid up	Three sheathed cores are laid up
	around a bare earth copper conductor		around a bare steel messenger

**Based on:** 294116-1a



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