



Product Service

# CERTIFICATE

No. B 083076 0024 Rev. 00

**Holder of Certificate:** **THAI-YAZAKI ELECTRIC WIRE CO., LTD.**

283 Moo 1, Suksawat Road  
Pak Khlong Bang Plakot  
Phra Samutchedi  
Samutprakarn 10290  
THAILAND

**Certification Mark:**



**Product:** **Fire Resistant Cables**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 7191242534-EEC20/10-TR

**Valid until:** 2026-02-07

**Date,** 2021-03-02

( WEI LIANG TAN )

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**Model(s):** FS/FDLH-0.6/1KV-CE-SWA

**Brand Name:** YAZAKI

## Parameters:

Type	: CU/MICA/XLPE/LSOH/SWA/LSOH Cable
Size	: 2C x 1.5mm <sup>2</sup> to 4C x 400mm <sup>2</sup>
Voltage	: 600/1000V
Conductor	: Stranded circular plain copper wires (class 2)
Fire resistant layer	: Mica tape
Insulation	: XLPE
Filler	: Polypropylene yarn
Binder	: Polyester tape
Inner Covering	: LSOH Polyolefin
Armour	: Galvanized steel wires
Binder	: Fibreglass tape (2C x 1.5mm <sup>2</sup> )
	: Polyester (4C x 400mm <sup>2</sup> )
Oversheath	: LSOH Polyolefin

Test report number(s)	Test Standard(s)
7191242534-EEC20/10-07-01	BS 6387:2013
7191242534-EEC20/10-07-02	BS 7846:2015 Fire Resistant Categories: Category F2
7191242534-EEC20/10-07-03	IEC 60332-1-2:2004/AMD1:2015 IEC 60332-3-22:2018 IEC 60332-3-24:2018 IEC 61034-2:2005/AMD2:2019
7191242534-EEC20/10-07-04	BS EN 60332-1-2:2004/A11:2016 BS EN 61034-2:2005/A2:2020 BS EN IEC 60332-3-22:2018 BS EN IEC 60332-3-24:2018
7191242534-EEC20/10-08-01	BS 6387:2013
7191242534-EEC20/10-08-02	BS 7846:2015 Fire Resistant Categories: Category F2
7191242534-EEC20/10-08-03	IEC 60332-1-2:2004/AMD1:2015 IEC 60332-3-22:2018 IEC 60332-3-24:2018 IEC 60684-2:2011 (Clause 45.2) IEC 60754-1:2011/AMD1:2019 IEC 60754-2:2011/AMD1:2019 IEC 61034-2:2005/AMD2:2019 Defence Standard 02-713:Issue 3:2012

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7191242534-EEC20/10-08-04	BS EN 60332-1-2:2004/A11:2016 BS EN 60684-2:2011 (Clause 45.2) BS EN 60754-1:2014/A1:2020 BS EN 60754-2:2014/A1:2020 BS EN 61034-2:2005/A2:2020 BS EN IEC 60332-3-22:2018 BS EN IEC 60332-3-24:2018
7191031412-EEC12/02-01	BS 7846:2009 Fire Resistant Categories: Category F2
7191031412-EEC12/02-02	BS 7846:2009 Fire Resistant Categories: Category F2
7191031412-EEC12/02-03	BS 7846:2009 Fire Resistant Categories: Category F2
7191031412-EEC12/02-04	BS 7846:2009 Fire Resistant Categories: Category F2
7191031412-EEC12/02-05	IEC 60502-1:2004/AMD1:2009
7191031412-EEC12/02-06	IEC 60502-1:2004/AMD1:2009
7191031412-EEC12/02-07	IEC 60502-1:2004/AMD1:2009
7191031412-EEC12/02-08	IEC 60502-1:2004/AMD1:2009

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## Details of Sizes:

No. of Core (C)	Size (mm <sup>2</sup> )
2	1.5
2	2.5
2	4
2	6
2	10
2	16
2	25
2	35
2	50
2	70
2	95
2	120
2	150
2	185
2	240
2	300
2	400

No. of Core (C)	Size (mm <sup>2</sup> )
3	1.5
3	2.5
3	4
3	6
3	10
3	16
3	25
3	35
3	50
3	70
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3	120
3	150
3	185
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4	1.5
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4	6
4	10
4	16
4	25
4	35
4	50
4	70
4	95
4	120
4	150
4	185
4	240
4	300
4	400

## Tested according to:

BS 6387:2013  
 BS 7846:2009  
 BS 7846:2015  
 BS EN 60332-1-2:2004/A11:2016  
 BS EN 60754-1:2014/A1:2020  
 BS EN 60754-2:2014/A1:2020  
 BS EN 61034-2:2005/A2:2020  
 BS EN IEC 60332-3-22:2018  
 BS EN IEC 60332-3-24:2018  
 IEC 60502-1:2004/AMD1:2009  
 IEC 60332-1-2:2004/AMD1:2015  
 IEC 60332-3-22:2018  
 IEC 60332-3-24:2018  
 IEC 60684-2:2011 (clause 45.2 only)  
 IEC 60754-1:2011/AMD1:2019  
 IEC 60754-2:2011/AMD1:2019  
 IEC 61034-2:2005/AMD2:2019  
 Defence Standard 02-713 Issue 3:2012