



Product Service

# CERTIFICATE

No. B 083076 0027 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-EEC20/03-TR

**Valid until:** 2026-03-10

**Date,** 2021-05-14

( WEI LIANG TAN )

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**Model(s):** FS/FDLH-0.6/1KV-CCE-SLA

**Brand Name:** YAZAKI

## Parameters:

Type	: CU/MICA/XLPE/LSOH/SLA/LSOH Cable
Size	: 1P x 1.5mm <sup>2</sup> to 24P x 1.5mm <sup>2</sup> : 1P x 2.5mm <sup>2</sup> to 24P x 2.5mm <sup>2</sup> : 1T x 1.5mm <sup>2</sup> to 16T x 1.5mm <sup>2</sup> : 1T x 2.5mm <sup>2</sup> to 16T x 2.5mm <sup>2</sup> : 2C x 1.5mm <sup>2</sup> to 48C x 1.5mm <sup>2</sup> : 2C x 2.5mm <sup>2</sup> to 48C x 2.5 mm <sup>2</sup>
Voltage	: 600/1000V
Conductor	: Stranded circular non-compacted plain copper wires (class 2)
Fire resistant layer	: Mica Tape
Insulation	: XLPE
Filler	: Polypropylene yarn (1P x 1.5mm <sup>2</sup> )
Binder (inner)	: Polyester tape
Inner covering	: LSOH Polyolefin
Drain wire	: Tinned copper wire
Shield	: Aluminium foil tape
Binder (outer)	: Polyester tape
Oversheath	: LSOH Polyolefin

Test report number(s)	Test Standard(s)
7191242534-EEC20/03-21-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/03-21-02	BS 6387:2013
7191242534-EEC20/03-21-03	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
7191242534-EEC20/03-21-04	IEC 60332-1-2:2004/AMD1:2015
7191242534-EEC20/03-29-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/03-22-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/03-22-02	BS 6387:2013
7191242534-EEC20/03-22-03	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
7191242534-EEC20/03-22-04	IEC 60332-1-2:2004/AMD1:2015

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## Details of Sizes:

No. of Pair (P)	Size (mm <sup>2</sup> )
1	1.5
2	1.5
3	1.5
4	1.5
5	1.5
6	1.5
7	1.5
8	1.5
9	1.5
10	1.5
11	1.5
12	1.5
13	1.5
14	1.5
15	1.5
16	1.5
17	1.5
18	1.5
19	1.5
20	1.5
21	1.5
22	1.5
23	1.5
24	1.5

No. of Pair (P)	Size (mm <sup>2</sup> )
1	2.5
2	2.5
3	2.5
4	2.5
5	2.5
6	2.5
7	2.5
8	2.5
9	2.5
10	2.5
11	2.5
12	2.5
13	2.5
14	2.5
15	2.5
16	2.5
17	2.5
18	2.5
19	2.5
20	2.5
21	2.5
22	2.5
23	2.5
24	2.5

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## Details of Sizes:

No. of Triad (T)	Size (mm <sup>2</sup> )
1	1.5
2	1.5
3	1.5
4	1.5
5	1.5
6	1.5
7	1.5
8	1.5
9	1.5
10	1.5
11	1.5
12	1.5
13	1.5
14	1.5
15	1.5
16	1.5

No. of Triad (T)	Size (mm <sup>2</sup> )
1	2.5
2	2.5
3	2.5
4	2.5
5	2.5
6	2.5
7	2.5
8	2.5
9	2.5
10	2.5
11	2.5
12	2.5
13	2.5
14	2.5
15	2.5
16	2.5

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## Details of Sizes:

No. of Core (C)	Size (mm <sup>2</sup> )
2	1.5
3	1.5
4	1.5
5	1.5
6	1.5
7	1.5
8	1.5
9	1.5
10	1.5
11	1.5
12	1.5
13	1.5
14	1.5
15	1.5
16	1.5
17	1.5
18	1.5
19	1.5
20	1.5
21	1.5
22	1.5
23	1.5
24	1.5
25	1.5

No. of Core (C)	Size (mm <sup>2</sup> )
26	1.5
27	1.5
28	1.5
29	1.5
30	1.5
31	1.5
32	1.5
33	1.5
34	1.5
35	1.5
36	1.5
37	1.5
38	1.5
39	1.5
40	1.5
41	1.5
42	1.5
43	1.5
44	1.5
45	1.5
46	1.5
47	1.5
48	1.5

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Details of Sizes:

No. of Core (C)	Size (mm <sup>2</sup> )
2	2.5
3	2.5
4	2.5
5	2.5
6	2.5
7	2.5
8	2.5
9	2.5
10	2.5
11	2.5
12	2.5
13	2.5
14	2.5
15	2.5
16	2.5
17	2.5
18	2.5
19	2.5
20	2.5
21	2.5
22	2.5
23	2.5
24	2.5
25	2.5

No. of Core (C)	Size (mm <sup>2</sup> )
26	2.5
27	2.5
28	2.5
29	2.5
30	2.5
31	2.5
32	2.5
33	2.5
34	2.5
35	2.5
36	2.5
37	2.5
38	2.5
39	2.5
40	2.5
41	2.5
42	2.5
43	2.5
44	2.5
45	2.5
46	2.5
47	2.5
48	2.5

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**Tested according to:**

BS 6387:2013  
IEC 60502-1:2004  
IEC 60502-1:2004/AMD1:2009  
IEC 60332-1-2:2004  
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  
IEC 60754-1:2011/AMD1:2019  
IEC 60754-2:2011  
IEC 60754-2:2011/AMD1:2019  
IEC 61034-2:2005  
IEC 61034-2:2005/AMD1:2013  
IEC 61034-2:2005/AMD2:2019  
Defence Standard 02-713 Issue 3:2012