



Product Service

CERTIFICATE

No. B 083076 0031 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: **Flame retardant 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

Test report no.: 7191242534-EEC20/05-TR

Valid until: 2026-04-13

Date, 2021-05-27

(WEI LIANG TAN)

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

Brand Name: YAZAKI

Parameters:

Type : CU/XLPE/LSOH Cable
 Size : 2C x 1.5mm² to 48C x 1.5mm²
 : 2C x 2.5mm² to 48C x 2.5mm²
 : 2C x 4 mm² to 35C x 4mm²
 : 2C x 6mm² to 26C x 6mm²
 Voltage : 600/1000V
 Conductor : Stranded circular non-compacted plain copper wires (class 2)
 Insulation : XLPE
 Filler : Polypropylene yarn
 Binder : Polyester tape (2C x 1.5mm²)
 : Fibreglass tape (26C x 6mm²)
 Oversheath : LSOH Polyolefin

Test report number(s)	Test Standard(s)
7191242534-EEC20/05-25-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/05-25-02	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-EEC20/05-25-03	IEC 60332-1-2:2004/AMD1:2015
7191242534-EEC20/05-31-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/05-26-01	IEC 60502-1:2004/AMD1:2009
7191242534-EEC20/05-26-02	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-EEC20/05-26-03	IEC 60332-1-2:2004/AMD1:2015

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Details of Sizes:

No. of Core (C)	Size (mm ²)
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 ²)
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 ²)
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 ²)
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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Details of Sizes:

No. of Core (C)	Size (mm ²)
2	4
3	4
4	4
5	4
6	4
7	4
8	4
9	4
10	4
11	4
12	4
13	4
14	4
15	4
16	4
17	4
18	4
19	4

No. of Core (C)	Size (mm ²)
20	4
21	4
22	4
23	4
24	4
25	4
26	4
27	4
28	4
29	4
30	4
31	4
32	4
33	4
34	4
35	4

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Details of Sizes:

No. of Core (C)	Size (mm ²)
2	6
3	6
4	6
5	6
6	6
7	6
8	6
9	6
10	6
11	6
12	6
13	6
14	6

No. of Core (C)	Size (mm ²)
15	6
16	6
17	6
18	6
19	6
20	6
21	6
22	6
23	6
24	6
25	6
26	6

Tested according to:

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