



Product Service

CERTIFICATE

No. B 098200 0036 Rev. 01

Holder of Certificate: **Caledonian Cables Limited**
1/F., CMA Building, 64-66 Connaught Road Central,
Central and Western District
HONG KONG

Certification Mark:



Product: **Fire Resistant Cables**
(Fire Resistant Instrumentation, Control & Thermocouple 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.: 64105193016002

Valid until: 2026-02-23

Date, 2021-02-24

(Silvia Zou)

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Model(s): RE-2X(St)H...CI,
RE-2X(St)HSAWAH...CI,
RE-2X(St)H PiMF...CI,
RE-2X(St)HSAWAH PiMF...CI

Parameters:

For Type RE-2X(St)H...CI and RE-2X(St)HSAWAH...CI	
Rated voltage:	300/500V
Conductors:	Plain or tin-coated annealed copper wire
Fire barrier:	Mica glass tape
Insulation:	XLPE
Cable make-up:	The insulated cores are grouped in concentric layers or in unit construction to form the core assembly. The insulated cores may be twisted uniformly twisted into pairs with a specified lay length.
Overall screen:	Aluminium/polyester tape is applied over the laid up cores or pairs with metallic side down in contact with tinned copper drain wire
Inner sheath:	Halogen free flame retardant compound (for RE-2X(St)HSAWAH...CI)
Armour:	Galvanized steel wire (for RE-2X(St)HSAWAH...CI)
Sheath:	Halogen free flame retardant compound
Size:	1P-50P 0.5mm ² to 2.5mm ² 2C-80C 0.5mm ² to 2.5mm ²
Fire resistance category:	BS 6387: CWZ(Reference overall diameter≤20mm); EN 50200 PH120, EN 50200 Annex E (Reference overall diameter≤20mm); BS 8491: 120min(Reference overall diameter>20mm) IEC 60332-3-24(category C)

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For Type RE-2X(St)H PiMF...CI and RE-2X(St)HSWAH PiMF...CI	
Rated voltage:	300/500V
Conductors:	Plain or tin-coated annealed copper wire
Fire barrier:	Mica glass tape
Insulation:	XLPE
Pairs:	Two insulated cores are twisted together with a specified lay length
Individual screen:	Aluminium/polyester tape is applied over each pair with metallic side down in contact with tinned copper drain wire
Overall screen:	Aluminium/polyester tape is applied over the laid up pairs with metallic side down in contact with tinned copper drain wire
Inner sheath:	Halogen free flame retardant compound (for RE-2X(St)HSWAH PiMF...CI)
Armour:	Galvanized steel wire (for RE-2X(St)HSWAH PiMF...CI)
Sheath:	Halogen free flame retardant compound
Size:	1P-50P 0.5mm ² to 2.5mm ²
Fire resistance category:	BS 6387: CWZ(Reference overall diameter≤20mm); EN 50200 PH120, EN 50200 Annex E (Reference overall diameter≤20mm); BS 8491: 120min(Reference overall diameter>20mm) IEC 60332-3-24(category C)

Tested according to:

- EN 50288-7:2005
- EN 50288-1:2013
- BS 6387:2013
- BS 8491:2008
- EN 50200:2015
- IEC 60332-3-24:2018
- IEC 60754-1:2011
- IEC 60754-2:2011
- IEC 61034-2:2005
- IEC 61034-2:2005/AMD1:2013