



Product Service

CERTIFICATE

No. B 098200 0048 Rev. 00

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

Certification Mark:



Product: **Flame retardant cables
(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.: 64105223177601

Valid until: 2027-12-24

Date, 2022-12-27

(Silvia Zou)

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Model(s): RE-2X(St)H; RE-2X(St)H PiMF;
RE-2X(St)HSAWAH; RE-2X(St)HSAWAH PiMF

Parameters:

For Type RE-2X(St)H and RE-2X(St)HSAWAH	
Rated voltage:	300/500V
Conductors:	Plain or tinned copper, solid or stranded, Class 1/2/5
Insulation:	XLPE to EN 50290-2-29
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 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 electrical contact with tinned copper drain wire
Inner sheath:	LSZH compound to EN 50290-2-27 (for RE-2X(St)HSAWAH)
Armouring:	Galvanised steel wire (for RE-2X(St)HSAWAH)
Outer sheath:	LSZH compound to EN 50290-2-27
Size:	1 P-50P/2C-80C 0.5mm ² to 2.5mm ²
For Type RE-2X(St)H PiMF and RE-2X(St)HSAWAH PiMF	
Rated voltage:	300/500V
Conductors:	Plain or tinned copper, solid or stranded, Class 1/2/5
Insulation:	XLPE to EN 50290-2-29
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 cores or pairs with metallic side down in electrical contact with tinned copper drain wire
Inner sheath:	LSZH compound to EN 50290-2-27 (for RE-2X(St)HSAWAH PiMF)
Armouring:	Galvanised steel wire (for RE-2X(St)HSAWAH PiMF)
Outer sheath:	LSZH compound to EN 50290-2-27
Size:	1P-50P 0.5mm ² to 2.5mm ²

Tested according to: EN 50288-7:2005