



## TYPE APPROVAL CERTIFICATE

### 형식 승인증서

**Certificate No.** : SEL80339-EL001 **Initial Approval** : 18th January, 2005.

**Product** : Electric Cable

**Manufacturer** : Young Chang Silicone Co., Ltd.  
481-7, Gasan-dong, Gumchun-gu, Seoul, Korea

**Product Description** : Control and Communication cable (Type : FFCS & FFCS(S))

- Rated Voltage : 300/500 V
- Max. Continuous Service Temp. : 100 °C
- Material
  - . Conductor : Tinned stranded copper
  - . Insulation : Fluorinated Ethylene Propylene (FEP 100)
  - . Inner Covering : Polyvinylchloride, Silicone rubber
  - . Shield : Tinned annealed copper wire with drain wire
  - . Outer Sheath : Ethylene Tetrafluoroethylene Copolymer (ETFE521)
- Number of Cores : Cross-sectional areas
  - . 2 to 20 : 0.75 mm<sup>2</sup>
  - . 2 to 7 : 1.0 mm<sup>2</sup> and 1.5 mm<sup>2</sup>
  - . 2 to 3 : 2.0 mm<sup>2</sup> and 2.5 mm<sup>2</sup>

**Approval Condition** : 1. This approval is granted on the basis of the approved spec. no. YCS 04-M28 and test report nos. YCS 04-M28-2 ~ -M28-6-3, YCS081105-1.  
2. Individual Product Certification is required.

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 1, Sec. 4 of the Rules for Classification of Steel Ships 2009 and IEC 60092-351 & -352, IEC 60332-1-2 & -3-22.

This Certificate is valid until 17th January, 2015.

Issued at Daejeon, Korea on 7th October, 2009.



한국선급  
KOREAN REGISTER OF SHIPPING

( Lee Woon-ho )

General Manager of  
Materials and Equipment Team

**Note** : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or the renewal of the Certificate is not underway.

2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.