



Confirmation of Product Type Approval

Company Name: SEOUL ELECTRIC WIRE CO., LTD.

Address: 27-20, MEONGSIMI-GILSAMSEONG-MYEON Korea, Republic of

Product: Cable, Ship and Offshore Flame Retardant Electric Cables

Model(s): RCOP(IS), RCOP(IS)(C), RCOP(OS), RCOP(OS)(C), FR-RCOP(IS), FR- RCOP(IS)(C), FR-RCOP(OS), FR-RCOP(OS)(C)

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	20-1975646-PDA	08-JUN-2020	07-JUN-2025
Manufacturing Assessment (MA)	15-SE2975399	28-AUG-2015	01-SEP-2020
Product Quality Assurance (PQA)	NA	NA	NA

Tier
3

Intended Service

Control and Instrumentation cables for vessels and offshore units and not intended for use as propulsion cable

Description

150/250V Flame Retardant or Fire Resistant Type Cables: Class 2 Conductor, EPR or Mica/Glass Tape+EPR Insulation, Pair/Triple/Quad Twisted, Non-Hygroscopic Filler, Aluminum Tape with Drain Wire, SE Inner Sheath, Copper Wire Braid, ST2 Outer Sheath

Ratings

- Conductor: Class 2 as per IEC 60228
- Insulation material: EPR as per IEC 60092-360
- Sheath material: SE and ST2 as per IEC 60092-360
- Flame retardant: IEC 60332-1-2 and 60332-3-22 Cat.A
- Fire resistant: IEC 60331-1, 60332-2 and 60332-21
- Cold bending/impact: -40/-35 degree C as per CSA C22.2 No.0.3 ((C) type only)
- Maximum rated conductor temperature: 90 degree C

Service Restrictions

- Unit certification is not required for this product.