



NIPPON KAIJI KYOKAI

Certificate No.
TA25233M

Certificate of Type Test

MANUFACTURER: UNIKA UNIVERSAL KABLO SAN. VE. TIC. A.S., Turkey

PRODUCT: 250V Halogen free, flame retardant, fire resistant shipboard telecommunication cables with low smoke emission

TYPE NO.: Refer to the attached sheet

TYPE TEST NO.: 10T806

PARTICULARS: Refer to the attached sheet

STANDARD: IEC 60092-350, IEC 60092-360,
IEC 60092-376, IEC 60331-21,
IEC 60331-1/2, IEC 60754-1/2,
IEC 61034-1/2, IEC 60332-1/2,
IEC 60332-3-22 Cat. A

DOCUMENTATION: D14/D25, D15/D25, D16/D25, D17/D25,
D18/D25, D19/D25, D20/D25, D21/D25
4138110, 4138119, 4138120, 4138121,
4138122, 4409819, 4409821, 4409822

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 25 March 2030.

Issued at Tokyo on 26 March 2025.

 
S. Oishi
General Manager
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

Attached sheet to Cert. No. TA25233M

PARTICULARS:

Rating voltage	Type of cable	No. of cores	Cross section (mm ²)
250V	U-HFFRT m	1x2 – 37x2	0.5 - 2.5
	U-HFFRT m (C)	1x3 – 24x3	
	U-HFFRT m (I) U-HFFRT m (I+C)	1x4 – 24x4	
<p>Construction:</p> <p>Conductor: Strand or bunch of annealed plain or tinned copper wires – make up: class 2. or 5.</p> <p>Mica tape: Helical applied fire resistant mica tape</p> <p>Insulation: XLPE, permanent operating temperature: 90°C (XLPE acc. IEC 60092-360)</p> <p>Tape: Polyester tape</p> <p>(I): 2, 3, 4 cores screen of metal coated polyester tape with plain or tinned copper drain wire with polyester tape</p> <p>(C): Collective screen of metal coated polyester tape with plain or tinned copper drain wire</p> <p>Inner covering: Halogen free flame retardant extruded compound or polyester tape</p> <p>Outer jacket: Halogen free extruded compound (SHF 1 acc. IEC 60092-360)</p>			
250V	U-HFFRAT m	1x2 – 37x2	0.5 - 2.5
	U-HFFRAT m (C)	1x3 – 24x3	
	U-HFFRAT m (I) U-HFFRAT m (I+C)	1x4 – 24x4	
<p>Construction:</p> <p>Conductor: Strand or bunch of annealed plain or tinned copper wires – make up: class 2. or 5.</p> <p>Mica tape: Helical applied fire resistant mica tape</p> <p>Insulation: XLPE, permanent operating temperature: 90°C (XLPE acc. IEC 60092-360)</p> <p>Tape: Polyester tape</p> <p>(I): 2, 3, 4 cores screen of metal coated polyester tape with plain or tinned copper drain wire with polyester tape</p> <p>(C): Collective screen of metal coated polyester tape with plain or tinned copper drain wire</p> <p>Inner covering: Halogen free flame retardant extruded compound or polyester tape</p> <p>Armour: Plain or tinned copper wire braid</p> <p>Outer jacket: Halogen free extruded compound (SHF 1 acc. IEC 60092-360)</p>			

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