

# NEK606 RFOU Instrumentation Cable Mud Resistant - 1.5mm<sup>2</sup> to 2.5mm<sup>2</sup>



## Description

RFOU flame retardant, halogen free instrumentation marine cables for fixed installation. Suitable for use in all conditions in a marine environment such as muddy, dry, wet and oily conditions meeting the requirements of NEK 606.

## Key Features



**Voltage Rating**  
150/250 Volts



**Minimum Bending Radius**  
6 x overall diameter



**Flame Retardancy**  
BS EN/IEC 60332-1  
BS EN/IEC 60332-3-22 Cat A



**Temperature Limits**  
fixed installation: -40°C to +90°C

## Standards

- BS EN/IEC 60228
- Mud resistant to NEK606
- IEC 60092-353
- IEC60332-3 Cat A
- BS EN/IEC 61034-1/2
- BS EN/IEC 60754-1/2

## Construction

- **Conductor:** Class 2 stranded copper
- **Insulation:** EPR (Ethylene Propylene Rubber)
- **Bedding:** Halogen Free Mud Resistant Bedding
- **Armour:** Tinned copper wire braid (TCWB)
- **Outer Sheath:** Mud resistant sheath
- **Sheath Colour:** Grey or Blue

## QA Lab

### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



## Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

### ecovadis

## NEK606 RFOU Instrumentation Cable Mud Resistant - 1.5mm<sup>2</sup> to 2.5mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Pairs	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)
RFOUI1X2X/75	0.75	1 Pair	1	24/0.20	11.4	206
RFOUC2X2X/75	0.75	2 Pair	2	24/0.20	17.1	413
RFOUI1X3X/75GY	0.75	1 Triple	3	24/0.20	11.8	223
RFOUI4X2X/75GY	0.75	4 Pair	4	24/0.20	16.8	340
RFOUI1X2X1/5	1.5	1 Pair	1	7/0.53	12.3	248
RFOUI2X2X1/5GY	1.5	2 Pair	2	7/0.53	17.40	400
RFOUC2X2X1/5GY	1.5	2 Pair	2	7/0.53	18.7	501
RFOUI1X3X1/5GY	1.5	1 Triple	3	7/0.53	12.8	273
RFOUI4X2X1/5GY	1.5	4 Pair	4	7/0.53	22.6	610
RFOUI8X2X1/5GY	1.5	8 Pair	8	7/0.53	32.8	1140
RFOUI12X2X1/5GY	1.5	12 Pair	12	7/0.53	35	1445

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