

Based on :

IEC 60092-376 / NEK TS 606

International norm :

IEC 60754-1/2, IEC 61034-1/2, IEC 60332-3-22 cat. A, IEC 60092-353, NEK 606: 2044, RoHS, CE, Lloyd's Register, DNV, ABS

OFFSHORE

RFOU (i) S1/S5

Offshore instrumentation 250 V individually screened

DESIGN

Conductor
Circular tinned stranded Cu, class 2

Insulation
Ethylene propylene rubber (EPR)

Color coded cores twisted together to form a pair/triad

Screen
Every pair/triple is screened with copper backed polyester tape in contact with a stranded tinned copper drain wire, wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Armour
Tinned annealed copper wire braid

Outer sheath
Flame retardant, halogen free and mud resistant thermoset compound acc. to SHF MUD, grey (if intrinsically safe blue)

APPLICATIONS

RFOU(i) S1/S5 is used in fixed installations for control, instrumentation and telecommunication in both explosion and safe areas, in emergency and critical systems where requirement for fire resistance exists. The cable is also used for installations in areas exposed to mud and drilling or cleaning fluids.



CHARACTERISTICS

Maximum service temperature: 90°C	LSZH	Mechanical stress impact: AG3. High severity
Fire non-propagation	Low smoke emission: Light transmittance > 60%	Water resistance: AD4 splashes
Mud resistance NEK TS 606	Low corrosive gases emission	UV-resistant
Chemical & oil resistance: excellent	Outdoor installation: permanent	Electromagnetically protection

INSTALLATION CONDITIONS

Oil rigs	On tray
Marine use	Open air