

# OFFSHORE

## RFOU (c) S2/S6

Offshore instrumentation 250 V collectively screened

### DESIGN

#### Conductor

Circular tinned stranded Cu, class 2.

#### Insulation

Ethylene propylene rubber (EPR).

#### Screen

Common screen: Pair/triple are laid up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Armour: Tinned annealed copper wire braid.

#### Filling sheath

Flame retardant and halogen free compound

#### Outer sheath

Mud resistant thermosetting compound, black colour, low smoke and halogen free, type SHF MUD.

### APPLICATIONS

RFOU(C) S2/S6 is used in fixed installations for control, instrumentation and telecommunication in both explosion and safe areas, in emergency and critical systems. 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