

OFFSHORE

BFOU (c) S4/S8

Fire resistant offshore instrumentation 250 V collectively screened

DESIGN

Conductor

Circular tinned stranded Cu, class 2.

Insulation

Fire resistant Mica tape helically applied over the conductors
Ethylene propylene rubber (EPR)

Screen

Collective screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs-7triples are identified by printed numbers on insulated conductors.

Armour

Tinned annealed copper wire braid

Filling sheath

Flame retardant and halogen free compound

Outer sheath

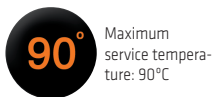
Flame retardant, halogen free and mud resistant thermoset compound acc. to SHF MUD, grey (if intrinsically safe the color is blue).

APPLICATIONS

BFOU(C) S4/S8 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



Operation secured acc. to IEC 60331



Oil rigs



On tray



Fire non-propagation



Low smoke emission: Light transmittance > 60%



Water resistance: AD4 splashes



Marine use



Open air



MUD Mud resistance NEK TS 606



Low corrosive gases emission



UV-resistant



Chemical & oil resistance: excellent



Outdoor installation: permanent



Electromagnetically protection

INSTALLATION CONDITIONS