

SOU SERIES

Standard Performance Fixed LSHF
CBS Shipboard / Offshore Data
Cable 250V 90°C



APPLICATIONS:

Marine For fixed wiring installations on oil and gas rigs, shipboard and other marine applications requiring screened cable for EMC.

Rail or Rolling Stock Suitable for wiring in locomotives, rail cars, buses and coaches.

Small Spaces Lightweight and small-diameter solution compared to braided cables.

PRODUCT FEATURES:

- ▶ Low smoke halogen free
- ▶ PVC free
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See Technical Section)

See over for full product table ▶

CONSTRUCTION:

Conductor Annealed tinned copper stranded (Class 2).

Insulation HF-XLPE X90.

Laying Up Cores in twisted pairs, triples or quads.

Screening Collective shield of aluminium/polyester tape c/w tinned copper stranded drain wire and synthetic tape.

Sheath SHF1 low smoke halogen free.

CHARACTERISTICS:

Operating Temperature Range Fixed -15°C to 75°C.

Maximum Conductor temperature 90°C.

Rated Voltage 250V (RMS) radial thickness sheath (not suitable for mains connection).

Minimum Bending Radius Fixed 8 x cable diameter.

Sheath Colour Grey.

Standard Core Colours Numbered Black and Blue pairs.

Certification Society Approvals Lloyds, Type CHJPJP or HFX-OSU-T, YZa/c, ABS, BV, DNV-GL type YO2p.

Relevant Standards IEC 60228 CL2,

IEC 60092-376/350/351/352/353/359, IEC 60332-1,

IEC 60332-3-22, IEC 60754-1/2, IEC 610034-1/2,

CE Directive 2006/95/EC, **RoHS** Compliant.