



Caledonian

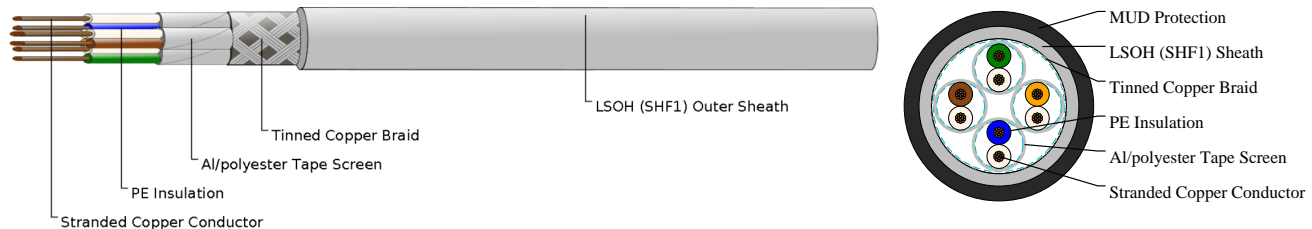
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

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Mud Resistant Cat 5e S/FTP 0.22mm² 4P0.22

MLN-S/FTPCAT5EM 4P0.22



APPLICATIONS

These Cat5e S/FTP cables are manufactured in accordance with IEC 61156-5 requirements, can support all Class D applications like Ethernet, Fast Ethernet, Gigabit Ethernet, suitable for basic voice and data installations up to 100MHz. These cables have additional flame retardant, halogen-free, low smoke MUD protecting outer sheaths.

STANDARDS

EN 50173-1/EN 50288-2-1/ISO/IEC 11801

IEC 61156-5/IEC 60332-3-24/IEC 60754-1/2/IEC 61034-1/2

APPROVALS

BV Certification(33493/B0 BV)

CABLE CONSTRUCTION

Conductors: Stranded copper conductor.

Insulation: PE.

Twinning: Two coloured insulated conductors twisted together to form a pair.

Individual Screen: Al/polyester tape.

Overall Screen: Tinned copper wire braid.

Inner Sheath: Oil resistant, flame retardant and halogen free LSOH (SHF1).

Outer Sheath: MUD protecting.

COLOUR CODE

Pair 1: White, Blue

Pair 2: White, Orange

Pair 3: White, Green

Pair 4: White, Brown

PHYSICAL AND THERMAL PROPERTIES

Bending Radius: 8×OD (during installation); 4×OD (fixed installed)

Temperature Range: -40°C ~ +85°C

DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	Nominal Insulation Thickness	Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No.×mm ²	mm	mm	mm	mm	kg/km
4x2x0.22	0.4	0.75	0.9	9.5	100