

XLPE INSULATED, LSZH SHEATHED OVERALL SCREENED, STEEL WIRE ARMoured MULTI CORE INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Rated Voltage: 300/500V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: EN 50288-7

CONSTRUCTION

Conductor: Electrolytic, stranded, annealed plain copper wires to IEC 60228 Class 2 (Class 1 or Class 5 and / or tinned on request)

Insulation: XLPE compound to EN50290-2-29

Binder Tape: Polyester foil on overall cable core formed by stranded triads

Collective Screen: Aluminium/polyester foil with a tinned copper drain wire in direct contact with the metallic side of the foil

Inner Sheath: LSZH compound to EN50290-2-27

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Halogen free flame retardant LSZH compound to EN50290-2-27.

Blue for intrinsically safe cable, Black for UV resistant and/or non-intrinsically safe cable, Gray for indoor applications

CODE of CABLE

- CU/XLPE/OSCR/LSZH/ SWA/LSZH;
RE-2X(S)tHSWAH (MULTICORE)

INTRODUCTION

These cables used in Instrumentation and control engineering analogue and digital signal transmission, chemistry industry, petrochemical industry, power plants, dry, damp and wet environments, gas stations, water conveyance systems indoors and outdoors applications. Because these cables are not meant to be used for power supply, they should not be connected directly to the mains electrical supply or other low impedance sources.

SECTION RANGE

- From 0.50mm² up to 2.50mm²

CONDUCTOR QUANTITY

- From 2 cores up to 50 cores

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.
* **Other colours can be produced upon the customer requests.**