

SILICONE INSULATED, LSZH SHEATHED OVERALL SCREENED, MULTI CORE FIRE RESISTANT INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Rated Voltage: 300/500V
- Min. Bending Radius: 7.5x 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: Silicone compound to EN 50363-1

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

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

Outer Sheath: LSZH compound to EN 50290-2-27.

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

CODE of CABLE

- CU/SI/OSCR/LSZH; RE-2G(St)H..CI(MULTICORE)

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, petrochemistry industry, power plants, natural gas pump stations, dry, damp and wet environments, water conveyance systems. These cables shall not be connected directly to mains electricity supply or other low impedance sources, since they are not designed to be used for power supply.

SECTION RANGE

- From 0.50mm² up to 2.50mm²

CONDUCTOR QUANTITY

- From 1 core 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.**