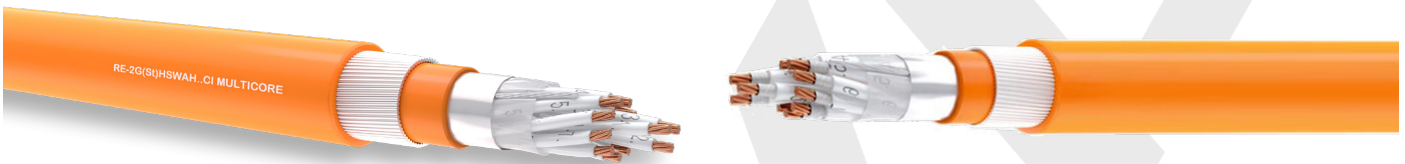


SILICONE INSULATED, LSZH SHEATHED OVERALL SCREENED, STEEL WIRE ARMoured MULTI CORE FIRE RESISTANT INSTRUMENTATION CABLE



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: Silicone Rubber compound to EN 50363-1

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

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, Orange or Red for fire resistant

CODE of CABLE

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

INTRODUCTION

These cables are used in sectors such as oil exploration, cement, paper, steel, power generation, and intrinsically safe systems in hazardous locations such as petrochemical facilities and thermal power plants to monitor measurement equipment in process automation applications. Armoured variants offer mechanical strength and shield the cable core from external mechanical forces. Its unique design also ensures a minimum of 180 minutes of circuit integrity under fire conditions.

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.