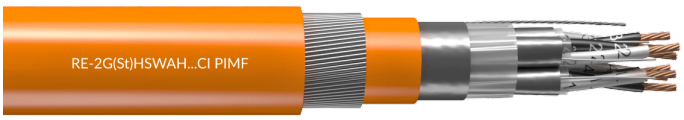
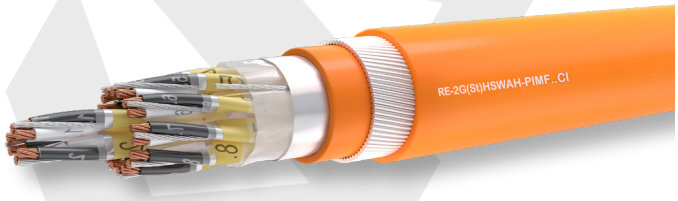
DEMKA
single source for all electrical needs

SILICONE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMOURED PiMF 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 compound to EN 50363-1
Black/White twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted pair

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

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

Armour: Round galvanised 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/ISCR/OSCR/LSZH/SWA/LSZH; RE-2G(St)HSWAH-PIMF..CI**

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications. 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 2 pairs up to 50 pairs**

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.**