

DEMKA

single source for all electrical needs



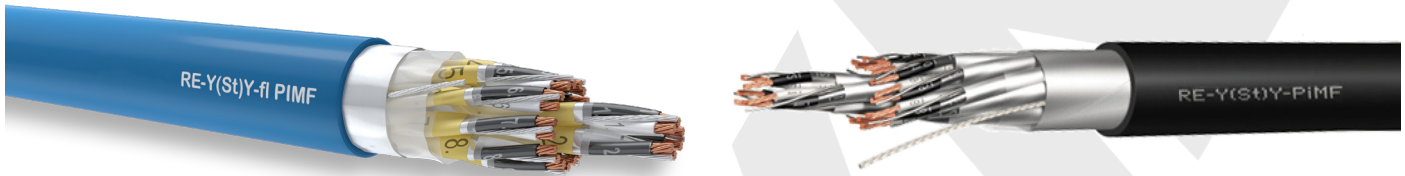
Instrumentation CABLES

INDIVIDUAL and OVERALL SCREENED INSTRUMENTATION CABLES

Content of Individual and Overall Screened Instrumentation Cables

- PVC Insulated, PVC Sheathed Individual and Overall Screened, PiMF Instrumentation Cable
- PVC Insulated, PVC Sheathed Individual and Overall Screened, TiMF Instrumentation Cable
- PE Insulated, PVC Sheathed Individual and Overall Screened, PiMF Instrumentation Cable
- PE Insulated, PVC Sheathed Individual and Overall Screened, TiMF Instrumentation Cable
- PE Insulated, LSZH Sheathed Individual and Overall Screened, PiMF Instrumentation Cable
- PE Insulated, LSZH Sheathed Individual and Overall Screened, TiMF Instrumentation Cable
- XLPE Insulated, PVC Sheathed Individual and Overall Screened, PiMF Instrumentation Cable
- XLPE Insulated, PVC Sheathed Individual and Overall Screened, TiMF Instrumentation Cable
- XLPE Insulated, LSZH Sheathed Individual and Overall Screened, PiMF Instrumentation Cable
- XLPE Insulated, LSZH Sheathed Individual and Overall Screened, TiMF Instrumentation Cable
- MGT+XLPE Insulated, LSZH Sheathed Individual and Overall Screened, PiMF Fire Resistant Instrumentation Cable
- MGT+XLPE Insulated, LSZH Sheathed Individual and Overall Screened, TiMF Fire Resistant Instrumentation Cable
- Silicone Insulated, LSZH Sheathed Individual and Overall Screened, PiMF Fire Resistant Instrumentation Cable
- Silicone Insulated, LSZH Sheathed Individual and Overall Screened, TiMF Fire Resistant Instrumentation Cable
- PVC Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Cable
- PVC Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Cable
- PVC Insulated, PVC Sheathed Individual and Overall Screened, Wire Braid Armoured PiMF Instrumentation Cable
- PE Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Cable
- PE Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Cable
- PE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Cable
- PE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Cable
- PE Insulated, PVC Sheathed Individual and Overall Screened, Wire Braid Armoured PiMF Instrumentation Cable
- XLPE Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Cable
- XLPE Insulated, PVC Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Cable
- XLPE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Cable
- XLPE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Cable
- MGT+XLPE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Fire Resistant Instrumentation Cable
- MGT+XLPE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Fire Resistant Instrumentation Cable
- Silicone Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured PiMF Instrumentation Fire Resistant Cable
- Silicone Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured TiMF Instrumentation Fire Resistant Cable
- XLPE or PE Insulated, LSZH Sheathed Individual and Overall Screened, Steel Wire Armoured Chemical and Moisture Protection PiMF Instrumentation Cable

PVC INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED PiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PVC compound to EN50290-2-21

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

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

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PVC/ISCR/OSCR/PVC; RE-Y(St)Y-fl PIMF

INTRODUCTION

These cables are used to link instruments and control systems for analog or digital signal transmission in both indoor and outdoor applications, petroleum refineries, petrochemistry industry, power plants, natural gas pump stations, indoors and outdoors, dry, damp and wet environments, gas stations, water conveyance systems. 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. When circuit integrity is essential in the event of a fire, this product is recommended.

SECTION RANGE

- From 0.50mm² up to 2.50mm²

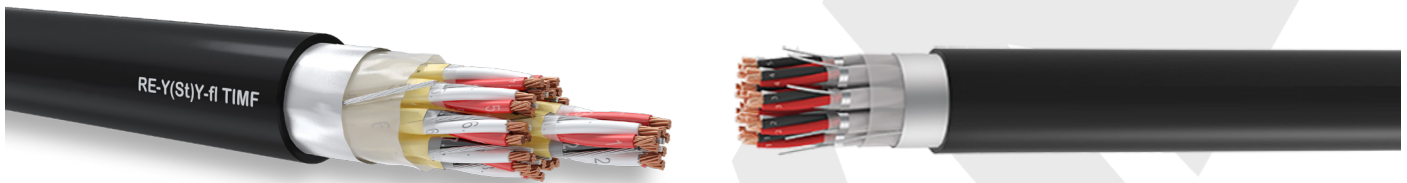
CONDUCTOR QUANTITY

- 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.**

PVC INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED TiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PVC compound to EN50290-2-21

Black/White/Red twisted triads with numbered cores

Binder Tape: Polyester foil on each twisted triad

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

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

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.5

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

CODE of CABLE

- CU/PVC/ISCR/OSCR/PVC; RE-Y(St)Y-fl TiMF

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

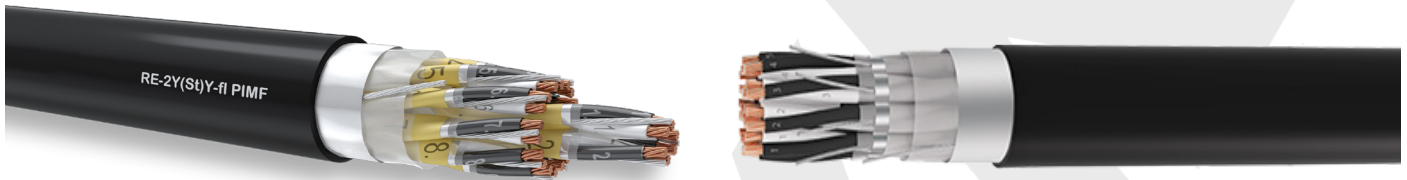
- From 2 triads up to 24 triads

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.**

PE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23

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

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

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC; RE-2Y(St)Y PIMF

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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 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.**

PE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED TiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
Black/White/Red twisted triads with numbered cores

Binder Tape: Polyester foil on each twisted triad

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

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

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC; RE-2Y(St)Y TiMF

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

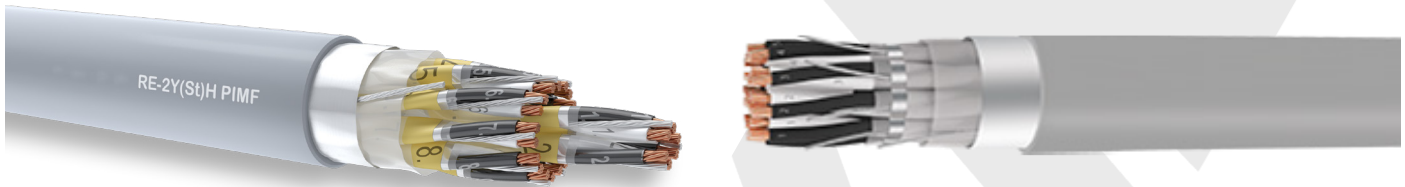
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

PE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED PiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23

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

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

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/PE/ISCR/OSCR/LSZH; RE-2Y(St)H PIMF

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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

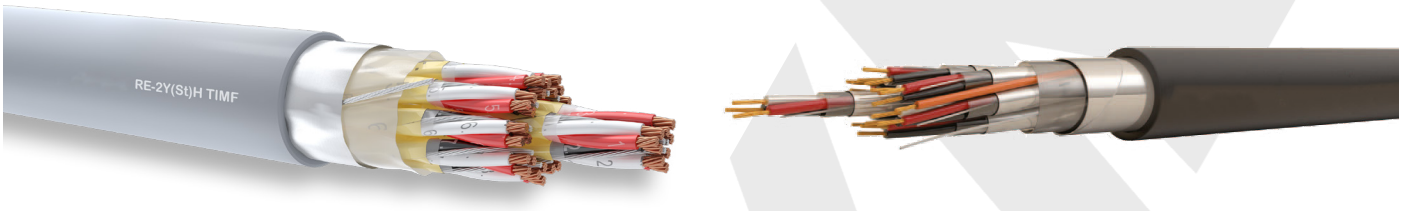
CONDUCTOR QUANTITY

- From 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.**

PE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED TiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
Black/White/Red twisted triads with numbered cores

Binder Tape: Polyester foil on each twisted triad

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

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

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/PE/ISCR/OSCR/LSZH; RE-2Y(St)H TiMF

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

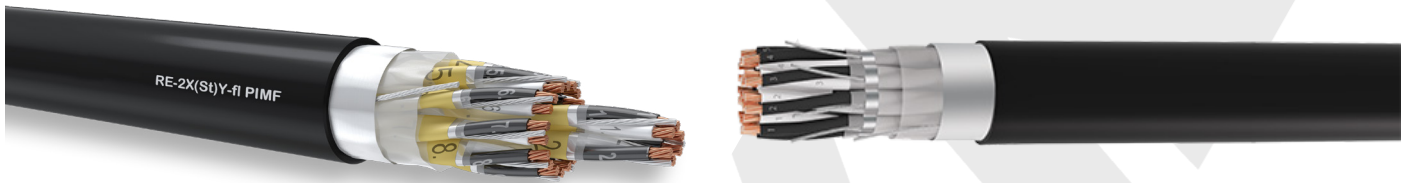
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.**

XLPE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: XLPE compound to EN50290-2-29

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 indirect contact with the metallic side of the foil

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/XLPE/ISCR/OSCR/PVC; RE-2X(St)Y-fl PIMF

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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

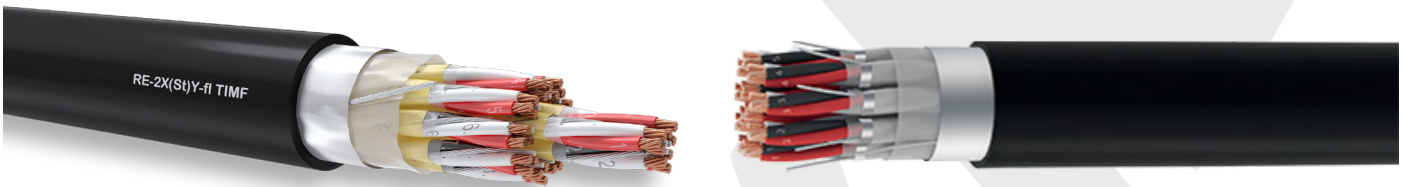
CONDUCTOR QUANTITY

- From 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.**

XLPE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED TiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: XLPE compound to EN50290-2-29

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/XLPE/ISCR/OSCR/PVC; RE-2X(S)Y-fl TiMF

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

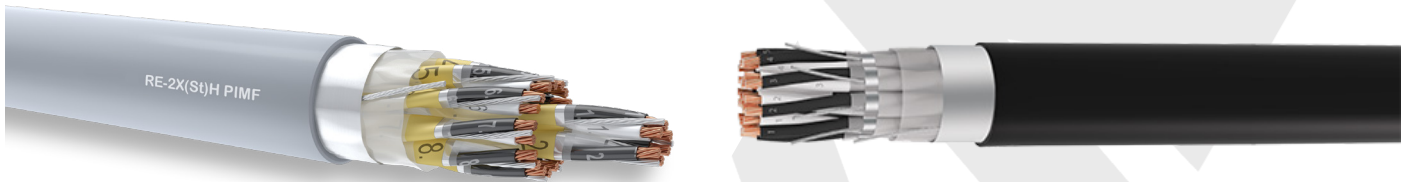
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.**

XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: XLPE compound to EN50290-2-29

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 indirect contact with the metallic side of the foil

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/ISCR/OSCR/LSZH; RE-2X(St)H-PIMF

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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

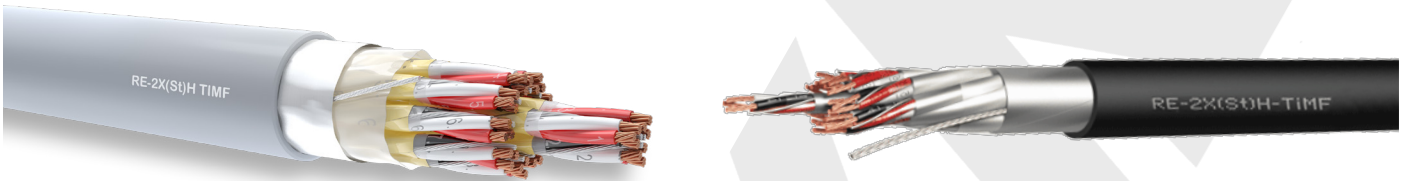
CONDUCTOR QUANTITY

- From 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.**

XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED TiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: XLPE compound to EN50290-2-29

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

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/ISCR/OSCR/LSZH; RE-2X(St)H-TiMF

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 triads up to 24 triads

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.**

MGT+XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED PIMF 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: Mica tape + XLPE compound to EN50290-2-29
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 indirect contact with the metallic side of the foil

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/MGT+XLPE/ISCR/OSCR/LSZH;
RE-2X(St)H-PIMF..CI

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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

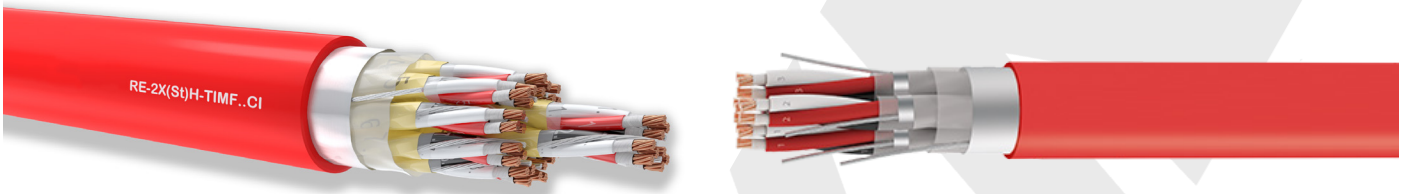
CONDUCTOR QUANTITY

- From 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.**

MGT+XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED TIMF 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: Mica tape + XLPE compound to EN50290-2-29
Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

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/MGT+XLPE/ISCR/OSCR/LSZH;
RE-2X(St)H-TIMF..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

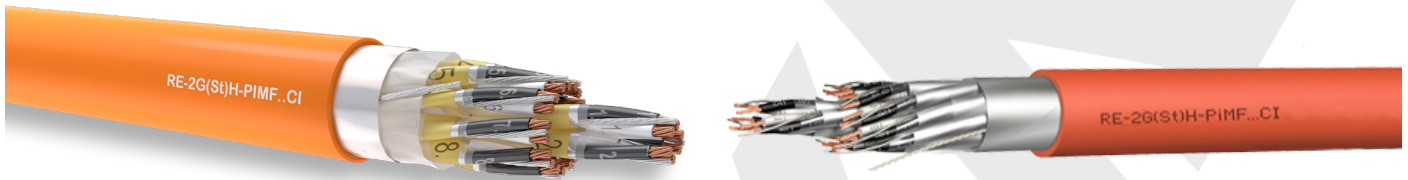
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.**

SILICONE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED PIMF 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

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 indirect contact with the metallic side of the foil

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;
RE-2G(St)H-PIMF..CI

INTRODUCTION

These cables used for connecting instruments and control systems for analogue or digital signal transmission for indoor and outdoor applications, petroleum refineries, power plants, natural gas pump stations, dry, damp and wet environment, gas stations, 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 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.**

SILICONE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED TIMF 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

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

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;
RE-2G(St)H-TIMF..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 triads up to 24 triads

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.**

PVC INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PVC compound to EN50290-2-21

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: PVC compound to EN50290-2-22

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22

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

CODE of CABLE

- CU/PVC/ISCR/OSCR/PVC/SWA/PVC;
RE-Y(St)YSWAY-fl PIMF

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

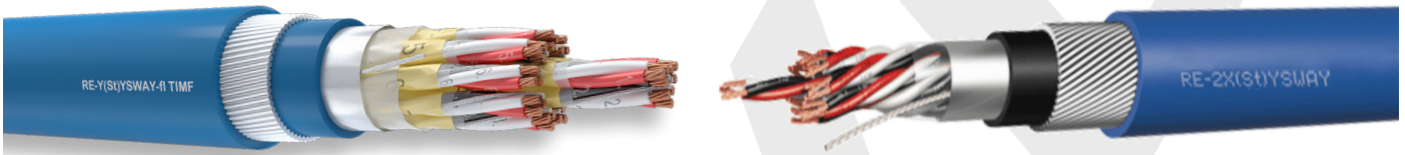
CONDUCTOR QUANTITY

- 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.

PVC INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PVC compound to EN50290-2-21

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

Inner Sheath: PVC compound to EN50290-2-22

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22

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

CODE of CABLE

- CU/PVC/ISCR/OSCR/PVC/SWA/PVC;
RE-Y(St)YSWAY-fl TIMF

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

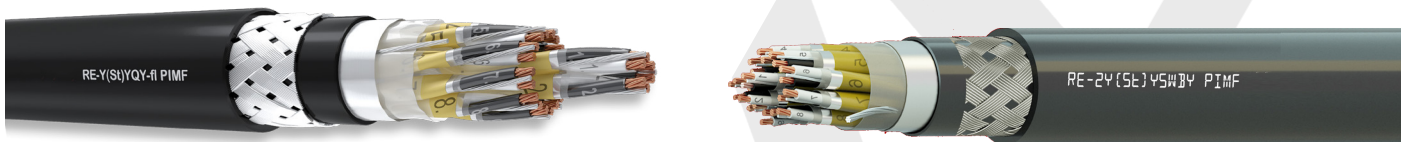
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

PVC INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED WIRE BRAID ARMoured PiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°C
- Rated Voltage: 300/500V
- Min. Bending Radius: 8x 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: PVC compound to EN50290-2-21

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: PVC compound to EN50290-2-22

Armour: Galvanized steel braid to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22

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

CODE of CABLE

- CU/PVC/ISCR/OSCR/PVC/SWB/PVC;
RE-Y(St)YSWBY-fl PIMF

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

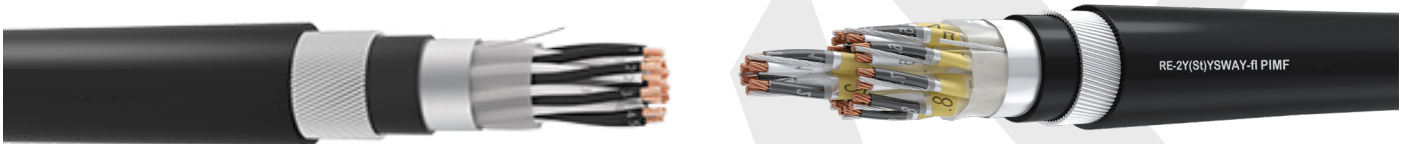
CONDUCTOR QUANTITY

- 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.**

PE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
Black/White twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted pairs

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: PVC compound to EN50290-2-22

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC/SWA/PVC;
RE-2Y(S)tYSWAY-fl PIMF

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

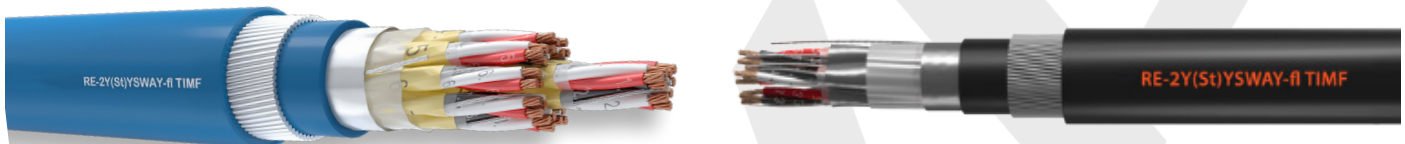
CONDUCTOR QUANTITY

- 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.

PE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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

Inner Sheath: PVC compound to EN50290-2-22

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC/ SWA/PVC;
RE-2Y(St)YSWAY-fl TIMF

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

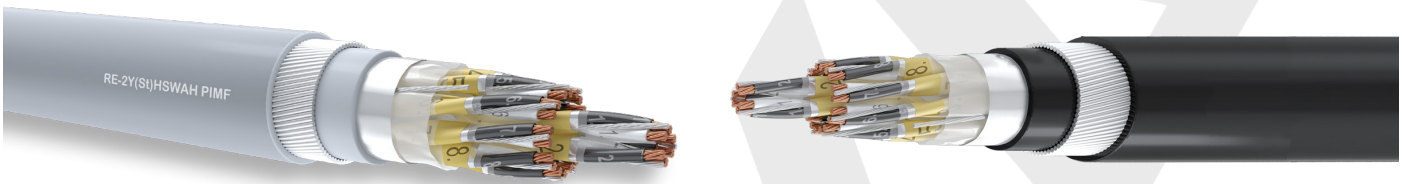
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

PE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured PIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
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: 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/PE/ISCR/OSCR/LSZH/SWA/LSZH;
RE-2Y(S)tHSWAH-PIMF

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

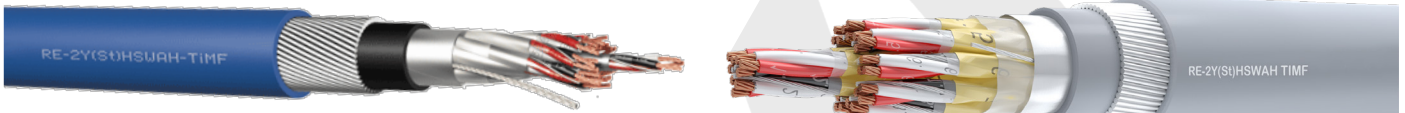
CONDUCTOR QUANTITY

- 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.

PE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TIMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°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: PE-Polyethylene compound to EN50290-2-23
Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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/PE/ISCR/OSCR/LSZH/ SWA/LSZH;
RE-2Y(S)HSWAH-TIMF

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 triads up to 24 triads

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.**

PE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED WIRE BRAID ARMoured PiMF INSTRUMENTATION CABLE



TECHNICAL DATA

- Max. Operating Temperature: 70°C
- Rated Voltage: 300/500V
- Min. Bending Radius: 8x 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: PE-Polyethylene compound to EN50290-2-23
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: PVC compound to EN50290-2-22

Armour: Galvanized steel braid to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC/SWB/PVC;
RE-2Y(St)YSWBY-fl PIMF

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.

XLPE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured PIMF 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

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: PVC compound to EN50290-2-22

Armour: Round galvanised steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/XLPE/ISCR/OSCR/PVC/SWA/PVC;
RE-2X(S)YSWAY-fl PIMF

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.

XLPE INSULATED, PVC SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TImF 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

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triads

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 triads

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

Inner Sheath: PVC compound to EN50290-2-22

Armour: Round galvanised steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound to EN50290-2-22.

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

CODE of CABLE

- CU/PE/ISCR/OSCR/PVC/SWA/PVC;
RE-2Y(S)tYSWAY-fI PIMF

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

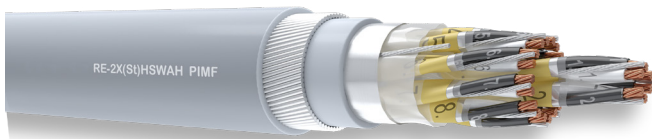
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured PIMF 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

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

CODE of CABLE

- CU/XLPE/ISCR/OSCR/ LSZH/SWA/LSZH;
RE-2X(S)tHSAWAH-PIMF

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

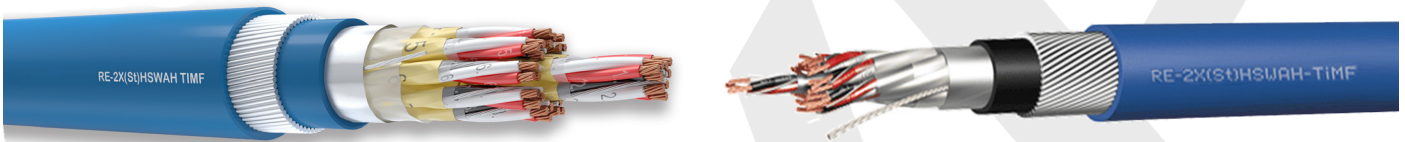
CONDUCTOR QUANTITY

- 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.

XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TIMF 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

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triads

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

CODE of CABLE

- CU/XLPE/ISCR/OSCR/ LSZH/SWA/LSZH;
RE-2X(St)HSAH-TIMF

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

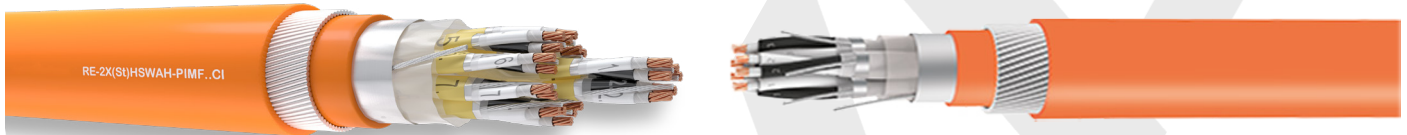
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

MGT+XLPE 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: Mica Tape+XLPE compound to EN50290-2-29
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/MGT+XLPE/ISCR/OSCR/ LSZH/ SWA/LSZH;
RE-2X(St)HSAWAH-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

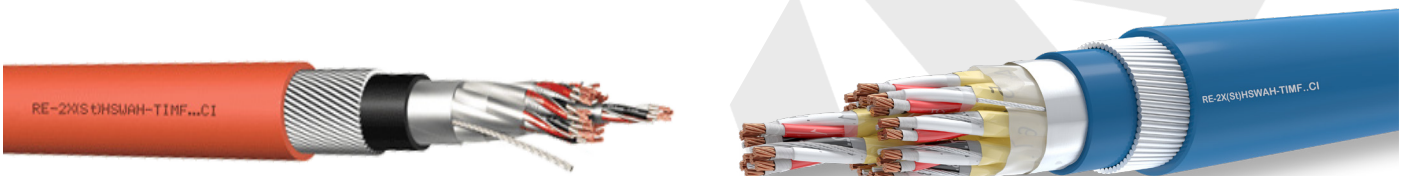
CONDUCTOR QUANTITY

- 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.**

MGT+XLPE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TIMF 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: Mica Tape+XLPE compound to EN50290-2-29
Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triads

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 triads

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/MGT+XLPE/ISCR/OSCR/ LSZH/ SWA/LSZH;
RE-2X(St)HSAWH-TIMF..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

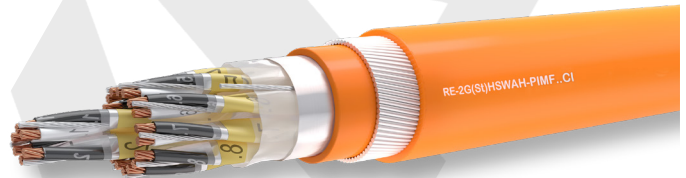
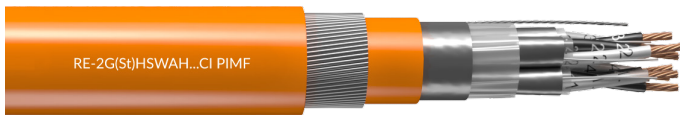
CONDUCTOR QUANTITY

- From 2 triads up to 24 triads

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.

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)HSAWAH-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.**

SILICONE INSULATED, LSZH SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured TiMF 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 compound to EN50290-2-29

Black/White/Red twisted pairs with numbered cores

Binder Tape: Polyester foil on each twisted triad

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 triad

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-TiMF.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 triads up to 24 triads

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.**

XLPE or PE INSULATED, PVC or HDPE SHEATHED INDIVIDUAL and OVERALL SCREENED STEEL WIRE ARMoured CHEMICAL and MOISTURE PROTECTION PiMF-TiMF 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 or PE compound

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

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: PE compound

Chemical & Moisture Barrier (Multi Layer Sheath):

AL Tape + HDPE + PA (Polyamide)

Armour: Round galvanized steel wires to EN 10257-1

Outer Sheath: Flame retardant PVC compound or HDPE
Black for UV resistant and/or non-intrinsically safe cable

CODE of CABLE

- CU/XLPE/ISCR/OSCR/AL/HDPE/PA/SWA/PVC;
RE-2X(L)2Y4YSWAY-fl PIMF
- CU/XLPE/ISCR/OSCR/AL/HDPE/PA/SWA/PVC;
RE-2X(L)2Y4YSWAY-fl TIMF

INTRODUCTION

These cables are used to connect instruments and control systems for analog or digital signal transmission in both indoor and outdoor 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. Protection against aliphatic and aromatic hydrocarbons, engine oils, and other organic and inorganic chemicals is recommended. This multilayer barrier also provides exceptional corrosion and moisture resistance.

SECTION RANGE

- From 0.50mm² up to 2.50mm²

CONDUCTOR QUANTITY

- From 2 pairs up to 30 pairs
- From 2 triads up to 24 triads

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.

