World is lighted better with us!
Yazd Wire and Cable Company established in a land with an area of 86000 m² in 1980. The company's manufacture was first limited to the wires. In 1982, the first production hall with an area of 6000 m² was built and production continued with more diversity. After a while with the development approach to manufacturing activities, the second production hall with an area of 4800 m² was built in 1997 to increase the speed, quality and variety of production. In 2008 the third production hall with an area of 1000 m² was also built to produce lead sheathed cables.

Production of medium voltage cables in 2003 was began with installation and starting of special manufacturing equipment including the production line of insulating and screening and armouring of medium and high voltage cables and finally constructing the high voltage laboratory with 350 KV and power of 6000 VA.

With regard to the increasing demand for lead sheathed cables, this company planned to install and start the production lines of such cables. Therefore, with the purchase and installation of required machinery and equipment in 2008, the first lead sheathed cable was produced in 2009.

In 2010, regarding to specified objectives of increasing production volume, this company add the 8 wires production line to the available production lines & increase the production volume of I&C cables as much as 100 per cent.

According to the company’s long-term strategy based upon keeping pace with the growth of technology, providing all machinery and equipment by the best and most reputable manufacturers has been made.
1- High Voltage & medium voltage cable
2- LV CABLE
3- Control cable
4- Instrument cable
5- Aerial bundled cable
6- Fire resistant & Halogen free cable
7- Communication cable
8- Fieldbus cable
9- Flat cable
10- Marine & shipboard
11- Special cables
12- Wires

LEADER OF WIRE AND CABLE INDUSTRY.
### Type: N2XY-KY-Y-RM
- Cu/SC/XLPE/SC/SCT/CWS/PVC/LC/PVC/AWA/PVC
- RM: Stranded round conductor

**Construction**
1. Stranded Copper conductor
2. Conductor screen/XLPE insulation/insulation screen
3. Semi-conductive tape
4. Copper wire & tape screen
5. PVC inner sheath
6. Lead sheath
7. PVC separation sheath
8. Aluminum round wire armour
9. PVC outer sheath

### XLPE insulated single core cable 6kV up to 230kV

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### Type: NA2XY-Y-RM
- AL/SC/XLPE/SC/SCT/CWS/PVCJATA/PVC
- RM: Stranded round conductor

**Construction**
1. Stranded Aluminum conductor
2. Conductor screen/XLPE insulation/insulation screen
3. Semi-conductive tape
4. Copper wire & tape screen
5. PVC Separation sheath
6. Aluminum round wire armour
7. PVC outer sheath

### XLPE insulated single core armoured 6kV up to 230kV

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### Type: NA2XY-YBY-RM
- AL/SC/XLPE/SC/SCT/CWS/PVCJATA/PVC
- RM: Stranded round conductor

**Construction**
1. Stranded Aluminum conductor
2. Conductor screen/XLPE insulation/insulation screen
3. Semi-conductive tape
4. Copper wire & tape screen
5. PVC Separation sheath
6. Aluminum tape armour
7. PVC outer sheath

### XLPE insulated single core tape armoured 6kV up to 230kV

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</table>

### Type: N2XY-KYY-R-Y-RM
- Cu/SC/XLPE/SC/SCT/CWS/PVC/LC/PVC/AWA/PVC
- RM: Stranded round conductor

**Construction**
1. Stranded Copper conductor
2. Conductor screen/XLPE insulation/insulation screen
3. Semi-conductive tape
4. Copper wire & tape screen
5. PVC Inner sheath
6. Lead sheath
7. PVC Separation sheath
8. Aluminum round wire armour
9. PVC outer sheath

### XLPE insulated single core lead sheathed armoured 6kV up to 230kV

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</tbody>
</table>
Type: XLPE insulated 3 cores 6kV up to 33kV with wire & tape screen

Construction:
1. Stranded Copper conductor
2. Copper wire & tape screen
3. PVC outer sheath
4. PVC inner sheath
5. Semi-conductive tape
6. XLPE insulation
7. Insulation screen

Type: XLPE insulated 3 cores 6kV up to 33kV with tape screen

Construction:
1. Stranded Copper conductor
2. Copper tape screen
3. PVC outer sheath
4. PVC inner sheath
5. Semi-conductive tape
6. XLPE insulation
7. Insulation screen

Type: XLPE insulated 3 cores 6kV up to 33kV with wire plus tape screen & wire armoured

Construction:
1. Stranded Copper conductor
2. Copper wire & tape screen
3. PVC outer sheath
4. Galvanized round steel wire armour
5. PVC Separation sheath
6. PVC inner sheath
7. Semi-conductive tape
8. XLPE insulation
9. Insulation screen

Type: XLPE insulated 3 cores 6kV up to 33kV with tape screen & tape armoured

Construction:
1. Stranded Copper conductor
2. Copper tape screen
3. PVC outer sheath
4. Galvanized steel tape armour
5. PVC inner sheath
6. Semi-conductive tape
7. XLPE insulation
8. Insulation screen
High Voltage & medium voltage cable

**XLPE insulated 3cores 6kV up to 33kV with tape screen & tape armoured**

Type: 

|
|---|
| 1. Stranded Copper conductor |
| 2. Conductor screen/XLPE insulation/insulation screen |
| 3. Copper wire & tape screen |
| 4. PVC inner sheath |
| 5. Lead sheath |
| 6. PVC Separation sheath |
| 7. Galvanized steel wire armour |
| 8. PVC outer sheath |

**XLPE insulated 3cores 6kV up to 33kV with wire plus tape screen & lead sheathed & wire armoured**

Type: 

|
|---|
| 1. Stranded Copper conductor |
| 2. Conductor screen/XLPE insulation/insulation screen |
| 3. Copper wire & tape screen |
| 4. PVC inner sheath |
| 5. Lead sheath |
| 6. PVC Separation sheath |
| 7. Galvanized round steel wire armour |
| 8. PVC outer sheath |

**XLPE insulated 3cores 6kV up to 33kV with tape screen & lead sheathed & wire armoured**

Type: 

|
|---|
| 1. Stranded Copper conductor |
| 2. Conductor screen/XLPE insulation/insulation screen |
| 3. Copper tape screen |
| 4. PVC inner sheath |
| 5. Lead sheath |
| 6. PVC Separation sheath |
| 7. Galvanized round steel wire armour |
| 8. PVC outer sheath |
LV CABLE

Copper conductor, XLPE or PVC insulated

Type:

N3XY, NYY-RM
Cu/XLPE/PVC
Cu/PVC/PVC
RM: Stranded round conductor

Construction:
1. Stranded copper conductor
2. XLPE or PVC insulation
3. PVC outer sheath

Aluminum conductor, XLPE or PVC insulated

Type:

NA3XY, NAYY-RM
Al/XLPE/PVC
Al/PVC/PVC
RM: Stranded round conductor

Construction:
1. Stranded Aluminum conductor
2. XLPE or PVC insulation
3. PVC outer sheath

Round stranded copper conductor, XLPE or PVC insulated

Type:

N3XY, NYY-RM
Cu/XLPE/PVC
Cu/PVC/PVC/PVC
RM: Stranded round conductor

Construction:
1. Stranded Copper conductor
2. XLPE or PVC insulation
3. PVC inner sheath
4. PVC outer sheath

Shaped stranded copper conductor, XLPE or PVC insulated

Type:

N3XY, NYY-SM
Cu/XLPE/PVC
Cu/PVC/PVC
SM: Shaped Stranded conductor

Construction:
1. Stranded Copper conductor
2. XLPE or PVC insulation
3. PVC outer sheath
**Type:**
- H05VV-F, H05V2Y-F, NYMHHY-RF
- CU/XLPE/PVC
- CU/PVC/PVC
- RR: Fine stranded conductor

**Construction:**
1. Fine-stranded copper conductor
2. XLPE or PVC insulation
3. PVC outer sheath

---

**Type:**
- NYCY, NYXCY-RM
- CU/XLPE/PVC/CWS/PVC
- CU/PVC/PVC/CWS/PVC
- RR: Solid conductor

**Construction:**
1. Solid copper conductor
2. XLPE or PVC insulation
3. Copper wire screen
4. PVC outer sheath

---

**Type:**
- NYLXCY, NYXCY-RF
- CU/XLPE/PVC/CW8/PVC
- CU/PVC/PVC/CW8/PVC
- RR: Fine stranded conductor

**Construction:**
1. Fine-stranded copper conductor
2. XLPE or PVC insulation
3. PVC inner sheath
4. Copper wire braided
5. PVC outer sheath

---

**Type:**
- NYXCY, NYXCTY-RF
- CU/XLPE/PVC/CW8/PVC
- CU/PVC/PVC/CW8/PVC
- RR: Fine stranded conductor

**Construction:**
1. Fine-stranded copper conductor
2. XLPE or PVC insulation
3. PVC inner sheath
4. Copper wire braided
5. PVC outer sheath
Type: NYSTR, NYXSTR-RM
CU/XLPE/PVC/SWA/PVC
CU/PVC/PVC/SWA/PVC
RM: Stranded round conductor

Construction
1. Semi-stranded copper conductor
2. XLPE or PVC Insulation
3. PVC inner sheath
4. Galvanized round steel wire armour
5. PVC outer sheath

Semi-stranded copper conductor, XLPE or PVC insulated, wire armoured

---

Type: NYSTR, NYXSTR-RM
CU/XLPE/PVC/IC/PVC/SWA/PVC
CU/PVC/PVC/LC/PVC/SWA/PVC
RM: Stranded round conductor

Construction
1. Semi-stranded copper conductor
2. XLPE or PVC Insulation
3. PVC inner sheath
4. Lead sheath
5. PVC separation sheath
6. Galvanized round steel wire armour
7. PVC outer sheath

Semi-stranded copper conductor, XLPE or PVC insulated, wire armoured

---

Type: NYCYSTR, NYXCSTR-RM
CU/XLPE/PVC/IC/PVC/SWA/PVC
CU/PVC/PVC/CS/PVC/SWA/PVC
SM: Shaped stranded conductor

Construction
1. Semi-stranded copper conductor
2. XLPE or PVC Insulation
3. PVC inner sheath
4. Lead sheath
5. PVC separation sheath
6. Galvanized round steel wire armour
7. PVC outer sheath

Shaped stranded copper conductor, XLPE or PVC insulated, lead sheathed & wire armoured

---

Type: NYCYSTR, NYXCSTR-RM
CU/XLPE/PVC/IC/PVC/SWA/PVC
CU/PVC/PVC/CS/PVC/SWA/PVC
SM: Shaped stranded conductor

Construction
1. Semi-stranded copper conductor
2. XLPE or PVC Insulation
3. PVC inner sheath
4. Copper wire & tape screen
5. PVC separation sheath
6. Galvanized round steel wire armour
7. PVC outer sheath

Shaped stranded copper conductor, XLPE or PVC insulated, copper wire plus tape screen & wire armoured
Type: NYCTYKRY NYCTYKR-Y SM
Cu/XLPE/PVC/CW/PVC/LC/PVC/FLA/PVC
Cu/PVC/PVC/CW/PVC/LC/PVC/FLA/PVC
SM: Shaped stranded conductor

Construction:
1. Semi-stranded copper conductor
2. XLPE or PVC insulation
3. PVC inner sheath
4. Copper wire & tape screen
5. PVC inner sheath
6. Lead sheath
7. PVC separation sheath
8. Galvanized round steel wire armour
9. PVC outer sheath

Shaped stranded copper conductor, XLPE or PVC insulated copper wire plus tape screen, lead sheathed & wire armoured

The highest quality
Instrument cable

**Type:**
RE-YJY, RE-2X(YJ/Y, RE-2Y(YJ/Y)
CJ/XLPE or PE/OSCR/PVC
CJ/PVC/OSCR/PVC
OSCR: Overall screen

**Construction:**
1. Strand copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC outer sheath

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, overall screen**

**Type:**
RE-YJY, RE-2X(YJ/Y, RE-2Y(YJ/Y)
CJ/XLPE or PE/OSCR/PVC/SWA/PVC
CJ/PVC/OSCR/PVC/SWA/PVC
OSCR: Overall screen

**Construction:**
1. Strand copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC inner sheath
7. Galvanized round steel wire armour
8. PVC outer sheath

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, overall screen, wire armoured**

**Type:**
RE-YJY, RE-2X(YJ/Y, RE-2Y(YJ/Y)
CJ/XLPE or PE/OSCR/PVC/LC/PVC/SWA/PVC
CJ/PVC/OSCR/PVC/SWA/PVC
OSCR: Overall screen

**Construction:**
1. Strand copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC inner sheath
7. Lead sheath
8. PVC inner sheath
9. Galvanized round steel wire armour
10. PVC outer sheath

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, overall screen, lead sheathed, wire armoured**
### Instrument Cable

**Type:**
- RE-Y(T)Y, RE-2X(T)Y, RE-2Y(P)Y, PIMF
- CU/XLPE or PE/SCR/OSCR/PVC
- CU/PVC/SCR/OSCR/PVC
- ISCR: Individual screen
- OSCR: Overall screen
- PIMF: Pair in metal foil

**Construction**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Lined copper wire
5. Aluminum bonded to polyester tape
6. Polyester tape
7. Lined copper wire
8. Aluminum bonded to polyester tape
9. PVC outer sheath

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, individual & overall screen, wire armoured**

**Type:**
- RE-Y(T)Y, RE-2X(T)Y, RE-2Y(P)Y, PIMF
- CU/XLPE or PE/SCR/OSCR/PVC
- CU/PVC/SCR/OSCR/PVC/SWA/PVC
- ISCR: Individual screen
- OSCR: Overall screen
- PIMF: Pair in metal foil

**Construction**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Lined copper wire
5. Aluminum bonded to polyester tape
6. Polyester tape
7. Lined copper wire
8. Aluminum bonded to polyester tape
9. PVC inner sheath
10. Galvanized round steel wire armour
11. PVC outer sheath

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, individual & overall screen, lead sheathed & wire armoured**

**Type:**
- RE-Y(T)Y, RE-2X(T)Y, RE-2Y(P)Y, PIMF
- CU/XLPE or PE/SCR/OSCR/PVC
- CU/PVC/SCR/OSCR/PVC/SWA/PVC
- ISCR: Individual screen
- OSCR: Overall screen
- PIMF: Pair in metal foil

**Construction**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Lined copper wire
5. Aluminum bonded to polyester tape
6. Polyester tape
7. Lined copper wire
8. Aluminum bonded to polyester tape
9. PVC inner sheath
10. Lead sheath
11. PVC inner sheath
12. Galvanized round steel wire armour
13. PVC outer sheath
### Instrument cable

**Type:**
- RE-T(Y)YKRY-2Y(Y)YKRY-RE-2Y(Y)YKRY-PMIF
- CU/XLPE or PE/SCR/PVC/GC/PVC/SC/PVC
- CU/PVC/ISCR/PVC/OSCR/PVC

**Construction:**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC Insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC pair jacket
7. Polyester tape
8. Tinned copper wire
9. Aluminum bonded to polyester tape

10. PVC outer sheath

---

**Type:**
- RE-T(Y)YKRY-2Y(Y)YKRY-RE-2Y(Y)YKRY-PMIF
- CU/XLPE or PE/SCR/PVC/GC/PVC/SC/PVC/SCA/PVC
- CU/PVC/ISCR/PVC/OSCR/PVC/SCA/PVC

**Construction:**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC Insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC pair jacket
7. Polyester tape
8. Tinned copper wire
9. Aluminum bonded to polyester tape

10. PVC inner sheath
11. Galvanized round steel wire armour
12. PVC outer sheath

---

**Type:**
- RE-T(Y)YKRY-2Y(Y)YKRY-RE-2Y(Y)YKRY-PMIF
- CU/XLPE or PE/SCR/PVC/GC/PVC/SC/PVC/SCA/PVC
- CU/PVC/ISCR/PVC/OSCR/PVC/SCA/PVC

**Construction:**
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC Insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC pair jacket
7. Polyester tape
8. Tinned copper wire
9. Aluminum bonded to polyester tape

10. PVC inner sheath
11. Lead sheath
12. PVC inner sheath
13. Galvanized round steel wire armour
14. PVC outer sheath

---

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, individual & overall screen with pair jacket, wire armoured**

---

**Copper conductor, PE, XLPE or PVC insulation, twisted pair, individual & overall screen with pair jacket, lead sheathed & wire armoured**
**Aerial bundled cable**

**Type:**
MV Aerial Bundled Cable (ABC) up to 33KV
AL/SC/XLPE/SC/SC/SC/SC/WSC/PVC or HDPE

**Construction**
1. Aluminum copper conductor
2. Conductor screening/XLPE insulation/insulation screen
3. Semi-conductive tape
4. Copper wire & tape screen
5. PVC or HDPE outer sheath

→ Bare or insulated Galvanized steel Messenger

---

**Type:**
LV Aerial Bundled Cable (ABC)
AL/XLPE

**Construction**
1. Stranded aluminum conductor
2. Insulated or bare aluminum alloy neutral messenger
3. XLPE insulation

→ Aluminum conductor, XLPE insulated with Aluminum alloy neutral messenger

---

**Type:**
LV Aerial Bundled Cable (ABC)
AL/XLPE

**Construction**
1. Stranded aluminum conductor
2. Insulated or bare galvanized steel support
3. XLPE insulation

→ Aluminum conductor, XLPE insulated with galvanized steel support
**Fire resistant & Halogen free cable**

**Type:**
- NXHH-FI-RM
- CU/MGT/XLPE/LSHF/LSHF
- FR: Fire resistant

**Construction:**
1. Stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. LSHF outer sheath

**Copper conductor, mica glass tape plus XLPE insulation**

---

**Type:**
- NXHH-FR-RM
- CU/MGT/XLPE/LSHF/SWA/LSHF
- FR: Fire resistant

**Construction:**
1. Semi-stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Galvanized round steel wire armour
6. LSHF outer sheath

**Copper conductor, mica glass tape plus XLPE insulation, wire armoured**

---

**Type:**
- NXHH-FI-RM
- CU/MGT/XLPE/LSHF/SWA/LSHF
- FR: Fire resistant

**Construction:**
1. Semi-stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Galvanized round steel wire armour
6. LSHF outer sheath

**Copper conductor, mica glass tape plus XLPE insulation, wire armoured**

---

**Type:**
- NXCH-FR-RM
- CU/MGT/XLPE/LSHF/CW3/LSHF
- FR: Fire resistant

**Construction:**
1. Semi-stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Copper wire & tape screen
6. LSHF outer sheath

**Copper conductor, mica glass tape plus XLPE insulation, copper wire plus tape screen**
Copper conductor, mica glass tape plus XLPE insulation, copper wire plus tape screen & wire armoured

1. Copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Copper wire & tape screen
6. LSHF separation sheath
7. Galvanized round steel wire armour
8. LSHF outer sheath

Copper conductor, mica glass tape plus XLPE insulation, lead sheathed & wire armoured

1. Copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Lead sheath
6. LSHF separation sheath
7. Galvanized round steel wire armour
8. LSHF outer sheath

Copper conductor, mica glass tape plus XLPE insulation, copper wire plus tape screen, lead sheathed & wire armoured

1. Copper conductor
2. Mica glass tape
3. XLPE insulation
4. Copper wire & tape screen
5. LSHF inner sheath
6. Lead sheath
7. LSHF separation sheath
8. Galvanized round steel wire armour
9. LSHF outer sheath
Fire resistant & Halogen free cable

**Type:**
N2XKH8H-FI-RM
Cu/MGT/XLPE/LSHF/CL/LSHF/LSH
**RM:** Stranded round conductor
**FI:** Fire resistant

**Construction**
1. Semi-stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Lead sheath
6. LSHF separation sheath
7. Galvanized round steel wire armour
8. LSHF outer sheath

Copper conductor, mica glass tape plus XLPE insulation, lead sheathed, wire armoured

---

**Type:**
N2XCH8EH8H-FI-RMF
Cu/MGT/XLPE/LSHF/CWS/LSHF/CL/LSHF/LSH/LSH
**RM:** Stranded round conductor
**FI:** Fire resistant

**Construction**
1. Semi-stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. LSHF inner sheath
5. Copper wire & tape screen
6. LSHF inner sheath
7. Lead sheath
8. LSHF separation sheath
9. Galvanized round steel wire armour
10. LSHF outer sheath

Copper conductor, mica glass tape plus XLPE insulation, copper wire plus tape screen, lead sheathed, wire armoured

---

Fire me if you can!!
### Fire resistant & Halogen free cable

<table>
<thead>
<tr>
<th>Type:</th>
<th>KE-2X(P)H-FH-FI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CU/MGT/XLPE/OSCR/LSHF/LSHF</td>
<td>Overall screen, wire armoured</td>
</tr>
</tbody>
</table>

#### Construction
1. Stranded copper conductor
2. Mica glass tape
3. XLPE insulation
4. Polyester tape
5. Tinned copper wire
6. Aluminium bonded to polyester tape
7. LSHF inner sheath
8. Galvanized round steel wire armour
9. LSHF outer sheath

---

### Copper conductor, mica glass tape plus XLPE insulation, twisted pair, overall screen

---

### Copper conductor, mica glass tape plus XLPE insulation, twisted pair, overall screen, wire armoured

---

### Copper conductor, mica glass tape plus XLPE insulation, twisted pair, overall screen, lead sheathed, wire armoured

---

**we enjoy being in fire**
## Fire Resistant & Halogen Free Cable

### 1. Type:
- RE-2X(B)SH-PIMF-FI
- CUM/GFT/IXPE/ESCR/OSCR/LSHF
- ISCE: Individual screen
- OSCR: Overcoat screen
- PIMF: Pair in metal foil
- FI: Fire resistance

### Construction:
1. Stranded copper conductor
2. Mica glass tape
3. XLPE Insulation
4. Polyester tape
5. Tinned copper wire
6. Aluminum bonded to polyester tape
7. Polyester tape
8. Tin coated copper wire
9. Aluminum bonded to polyester tape
10. LSHF outer sheath

### 2. Type:
- RE-2X(B)HSH-PIMF-FI
- CUM/GFT/IXPE/ESCR/OSCR/LSHF/SWA/LSHF
- ISCE: Individual single
- OSCR: Overcoat screen
- PIMF: Pair in metal foil
- FI: Fire resistance

### Construction:
1. Stranded copper conductor
2. Mica glass tape
3. XLPE Insulation
4. Polyester tape
5. Tin plated copper wire
6. Aluminum bonded to polyester tape
7. Polyester tape
8. Tin coated copper wire
9. Aluminum bonded to polyester tape
10. LSHF inner sheath
11. Galvanised steel wire armour
12. LSHF outer sheath

### 3. Type:
- RE-2X(B)HSH-PIMF-FI
- CUM/GFT/IXPE/ESCR/OSCR/LSHF/LSHF/SWA/LSHF
- ISCE: Individual screen
- OSCR: Overcoat screen
- PIMF: Pair in metal foil
- FI: Fire resistance

### Construction:
1. Stranded copper conductor
2. Mica glass tape
3. XLPE Insulation
4. Polyester tape
5. Tin plated copper wire
6. Aluminum bonded to polyester tape
7. Polyester tape
8. Tin coated copper wire
9. Aluminum bonded to polyester tape
10. LSHF inner sheath
11. Lead sheath
12. LSHF inner sheath
13. Galvanised steel wire armour
14. LSHF outer sheath

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**What is Fire?**
Copper conductor, mica glass tape plus XLPE insulation, twisted pair, individual & overall screen with pair jacket.

1. LSHF inner sheath
2. LSHF outer sheath
3. Galvanized steel wire armour
4. Lead sheath
5. Lead sheath
6. Steel wire armour
7. Copper armour
8. Polyethylene tape
9. Lead sheath
10. Polyethylene tape

Copper conductor, mica glass tape plus XLPE insulation, twisted pair, individual & overall screen with pair jacket, wire armoured.

1. LSHF inner sheath
2. LSHF outer sheath
3. Galvanized steel wire armour
4. Lead sheath
5. Lead sheath
6. Steel wire armour
7. Copper armour
8. Polyethylene tape
9. Lead sheath
10. Polyethylene tape

Copper conductor, mica glass tape plus XLPE insulation, twisted pair, individual & overall screen with pair jacket, lead sheathed & wire armoured.

1. LSHF inner sheath
2. LSHF outer sheath
3. Galvanized steel wire armour
4. Lead sheath
5. Lead sheath
6. Steel wire armour
7. Copper armour
8. Polyethylene tape
9. Lead sheath
10. Polyethylene tape

We don’t know yet !!!!
Communication cable

Foamed or solid PE insulated, overall double braided screen

Type:
50Ω, 75Ω, RG Series
3C-2V, 4.5C-3V, 7C-2V, 10C-2V, 3D-2V, etc.
RG6, RG11, RGSP, etc.

Construction:
1. Stranded or solid copper conductor
2. Foamed or solid PE insulation
3. First braided copper shield
4. PVC inner sheath
5. Second braided copper shield
6. PVC outer sheath

Foamed or solid PE insulated, overall braided screen

Type:
50Ω, 75Ω, RG Series
3C-2V, 4.5C-3V, 7C-2V, 10C-2V, 3D-2V, etc.
RG6, RG11, RGSP, etc.

Construction:
1. Stranded or solid copper conductor
2. Foamed or solid PE insulation
3. Braided copper shield
4. Black PVC outer sheath

Foamed or solid PE insulated, overall braided screen

Type:
50Ω, 75Ω, RG Series
3C-2V, 4.5C-3V, 7C-2V, 10C-2V, 3D-2V, etc.
RG6, RG11, RGSP, etc.

Construction:
1. Stranded or solid copper conductor
2. Foamed or solid PE insulation
3. Braided copper shield
4. White PVC outer sheath

you can have the best Communication:
Type:
LAN CAT6 UTP
CU/PE/PVC

Construction:
1. Solid copper conductor
2. Polyethylene insulation
3. PVC outer sheath

Communication cable

Copper conductor, PE insulated twisted pair
Fieldbus cable

Type:
RE-Y(1/1)Y, RE-2X(1/1)Y, RE-2Y(1/1)Y
CU/XLPE or PE/OSCR/PVC
CUPVC/OSCR/PVC
OSCR/Overall screen

Construction
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC outer sheath

Plained or Tinned copper conductor, PE or XLPE insulated with overall screen

Type:
RE-Y(1/1)Y, RE-2X(1/1)Y, RE-2Y(1/1)Y
CU/XLPE or PE/OSCR/PVC/SWA/PVC
CUPVC/OSCR/PVC/SWA/PVC
OSCR/Overall screen

Construction
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC inner sheath
7. Galvanized round steel wire armour
8. PVC outer sheath

Plained or Tinned copper conductor, PE or XLPE insulated with overall screen & wire armoured

Type:
RE-Y(1/1)Y, RE-2X(1/1)Y, RE-2Y(1/1)Y
CU/XLPE or PE/OSCR/PVC/G/C/PVC/SWA/PVC
CUPVC/OSCR/PVC/G/C/PVC/SWA/PVC
OSCR/Overall screen

Construction
1. Stranded copper conductor
2. Polyethylene, XLPE or PVC insulation
3. Polyester tape
4. Tinned copper wire
5. Aluminum bonded to polyester tape
6. PVC inner sheath
7. Lead sheath
8. PVC inner sheath
9. Galvanized round steel wire armour
10. PVC outer sheath

Plained or Tinned copper conductor, PE or XLPE insulated with overall screen, lead sheathed & wire armoured
Flat cable

Type: H05VVH2-F/H03VVH2-F/H07VWH6-F/MYFLY
Copper conductor, PVC insulated, 2 Parallelled cores

Construction
1. Fine-stranded copper conductor
2. PVC insulation
3. PVC outer sheath (2 Parallelled cores)

Type: H05VVH2-F/H03VVH2-F/H07VWH6-F/MYFLY
Copper conductor, PVC insulated, 3 Parallelled cores

Construction
1. Fine-stranded copper conductor
2. PVC insulation
3. PVC outer sheath (3 Parallelled cores)
### Marine & Shipboard

**Type:**
- NYCT, NYXCY-RF or RM
- TI-CU/XLPE/PVC/TI-CW/PVC
- TI-CU/PVC/PVC/TI-CW/PVC
- R/Fine-Stranded conductor
- RM: Stranded round conductor

**Construction**
1. Fine or Semi-Stranded tinneled copper conductor
2. XLPE or PVC Insulation
3. PVC Inner sheath
4. Tinned Copper wire braided
5. PVC Outer sheath

**Low Voltage Power Cable, Stranded Tinneled Copper Conductor, XLPE or PVC Insulated Tinneled Copper Wire Braided Screen**

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**Type:**
- NY5YCY, NYXCY-RF or RM
- TI-CU/XLPE/PVC/TI-CW/PVC
- TI-CU/PVC/PVC/TI-CW/PVC
- R/Fine-Stranded conductor
- RM: Stranded round conductor

**Construction**
1. Fine or Semi-Stranded tinneled copper conductor
2. XLPE or PVC Insulation
3. PVC Inner sheath
4. Tinned Copper wire braided
5. PVC Outer sheath

**Control Cable, Stranded Tinneled Copper Conductor, XLPE or PVC Insulated Tinneled Copper Wire Braided Screen**

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**Type:**
- TI-CU/XLPE or PE/OCR/OSCR/PVC/SWB/PVC
- TI-CU/PVC/OCR/OSCR/PVC/SWB/PVC
- OCR: Overall Aluminum bonded to polyester tape screen
- SWB: Galvanized steel wire braided

**Construction**
1. Stranded copper conductor
2. Polyethylene XLPE or PVC Insulation
3. Polyester tape
4. Tinned copper wire braided
5. Polyester tape
6. Polyester tape
7. Polyester tape
8. Aluminum bonded to polyester tape
9. PVC Inner sheath
10. Galvanized steel wire braided armour
11. PVC outer sheath

**Instrumentation Cable, Tinneled Copper Conductor, PE, XLPE or PVC Insulation, Twisted Pair, Individual & Overall Tinneled Copper Braided Screen, Wire Braided Armoured**

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Special cables

Type:
TOPLEX-ENV*3 PLUS 2YSLCY-J
CU/PE/PVC/OSCR/PVC
OSCR: Overall double screen
Construction
1. Fine-stranded copper conductor
2. Polyethylene insulation
3. PVC inner sheath
4. Aluminium bonded to polyester tape
5. Tinned copper braid/ed screen
6. PVC outer sheath

Composite cables for special applications such as mine, airport, Paging and Aviation Industries are producible.
**Construction**

Hard-Drawn Electrolytic-Copper wire accordance with IEC & ASTM standards.

**Type:**
- H03V-U-H07V-R, NYA
- CU/PVC
- CU/LSHF
- Stranded conductor
- Solid conductor

**Construction**

1. Stranded copper conductor
2. PVC or halogen free insulation

**Semi-stranded copper conductor, PVC or Low smoke halogen free insulated**

**Type:**
- H03V-U-H07V-R, NYA
- CU/PVC
- CU/LSHF
- Stranded conductor
- Solid conductor

**Construction**

1. Stranded copper conductor
2. PVC or halogen free insulation

**Semi-stranded copper conductor, PVC or Low smoke halogen free insulated**

**Type:**
- H03V-K-H07V-K, NYAF
- CU/PVC
- CU/LSHF
- Stranded conductor

**Construction**

1. Fine-stranded copper conductor
2. PVC or halogen free insulation

**Fine-stranded copper conductor, PVC or Low smoke halogen free insulated**
Wires

Construction
Hard-Drawn Aluminum or Aluminum-Magnesium & Silicon wire
according with DIN 41 & ASTM standards.

Type:
- DOGA, Hydro, Miko, Fox, etc.
- 50/8, 70/12, 95/15, 120/20, 150/26, 185/30, 240/40, etc.
accordance with DIN 41 & ASTM standards.

Construction
1. Galvanized steel wire
2. Hard-Drawn Aluminum wire

(type conductors can be internally protected with appropriate grease if required.)

Type:
- Aerial Covered Conductor (CC) up to 33KV
- CU/XLPE

Construction
1. Aluminum or aluminum alloy conductor
2. XLPE Insulation

Aluminum or aluminium alloy conductor, XLPE insulated

Type:
- Aerial Covered Conductor (CC) up to 33KV
- CU/XLPE

Construction
1. Galvanized steel wire
2. Hard-Drawn Aluminum wire
3. XLPE Insulation

Aluminum conductor steel Reinforced (ACSR), XLPE Insulated
World is lighted better with us!