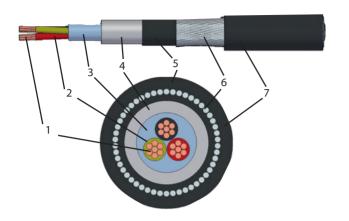






Lead cables for refineries

AL/HDPE/PA Cables for refineries



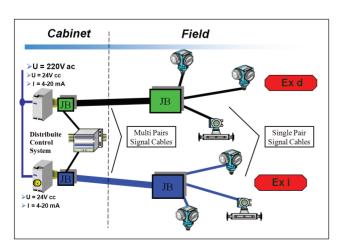
- I. LEGEND
- 1. Conductor
- 2. Insulation
- 3. PVC
- 4. Lead Jacket Thickness 1 2 mm
- 5. PVC Inner sheath (Ref. Norm: EN 50288-7, BS 5308 Part 1 Type 3
- 6. Steel Wire Armor
- 7. Outer sheath

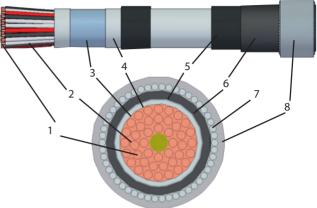
II. DISADVANTAGES OF LEAD VS AL/HDPE/PA

- 1. The weight of the cable is high.
- 2. The handling of the cable in installation is more difficult.
- 3. Bigger bending radius recommended:
 - · With Lead Sheath, 15 time the O. D.
 - With AL-HDPE/Nylon, 10 time the O. D.
- 4. Higher cost for transportation.

III. APPLICATION

Process control cables application





- I. LEGEND
- 1. Conductor
- 2. Insulation
- 3. Aluminum-Pet Tape (if requested)
- 4. Aluminum Longitudinal (Thickness 0.15 mm)
- 5. HDPE-High Density Polyethylene Thickness 1-2 mm
- 6. PA Polyamide (Nylon) Thickness 0.3-0.5 mm Ref. Norm EN 50288-7
- 7. Steel Wire Armor
- 8. Outer sheath

II. ADVANTAGES OF AL/HDPE/PA VS LEAD

- 1. For the same section we have more conductors and the possibility to connect more equipments.
- 2. The weight of the cable is strongly reduced.
- 3. The handling of the cable in installation is improved.
- 4. Reduced bending radius recommended:
 - With Lead Sheath, 15 time the O. D.
 - With AL-HDPE/Nylon, 10 time the O. D.
- 5. Lower cost for transportation.

III. APPLICATION

Process control cables application

