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Technical sheet
SLIPPERY ROCK

Specification : URD QUARDRUPLEX 350 SLIPPERY ROCK

Standard: ASTM,B230M-99,B231M-04, B398M-02

Nominal Dia.: 350 MCM×3C+N(AAC 4/0 AWG)

Dimension & Physical Properties:

Date: 2011

| Phase Conductor AAC Wire: | | |
|---|---------------------|----------------------|
| Item | Unit | Spec. Value |
| Appearance | | Good |
| Diameter | mm | AL 37/2.47±0.03 |
| Elongation at 254 mm | % | Avg. 1.6 |
| | | Min. 1.5 |
| Tensile Strength | MPA | Avg. 185 |
| | | Min. 175 |
| Resistivity at 20°C | Ωmm ² /m | Avg. 0.028172 |
| | | Max. 0.028265 |
| Bending test | | 1D×8 turns Not crack |
| Conductor Diameter | mm | 17.24 |
| Lay direction | mm | S |
| Thickness of Insulation (XLPE) | mm | Avg. 2.41 |
| Overall Diameter (XLPE) | mm | 22.06(Approx.) |
| Neutral Conductor AAC Wire | | |
| Appearance | | Good |
| Diameter | mm | AL19/2.68 |
| Elongation at 254 mm | % | Avg.1.6 |
| Rated Tensile Strength | daN | 1698 |
| Resistance at 20°C | Ω/km | Max. 0.2688 |
| Conductor Diameter | mm | 13.26 |
| Lay direction | | S |
| Thickness of Insulation (XLPE) | mm | Avg. 2.03 |
| Overall Diameter (XLPE) | mm | 17.32(Approx.) |
| Finished products : 350 MCM×3C+N(AAC 4/0 AWG) | | |
| Overall Diameter | mm | 52.1(Approx.) |
| Lay direction | mm | S |
| Nominal Weight | Kg/km | 2326 |