

YURI

Electrical Power Cable

Website: www.yuricable.com

Email: sales@yuricable.com



LV Cable

Al/XLPE - 0.6/1 kV

Applied Standard : IEC 60502-1

2

1

Construction

1. Conductor : Standard plain aluminum wires, Circular round compacted
2. Insulation : Black XLPE (2% Carbon Content)

YURI ABC-LV-1C22 0.6/1(1.2)kV 1C*22mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 22 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 6 |
| 4 | Thickness of Insulation | mm | 1.2 |
| 5 | Overall diameter of cable | mm | 8.6 |
| 6 | Weight of cable (approx) | kg/km | 114 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 1.37 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C25 0.6/1(1.2)kV 1C*25mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 25 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 6.4 |
| 4 | Thickness of Insulation | mm | 1.2 |
| 5 | Overall diameter of cable | mm | 9.1 |
| 6 | Weight of cable (approx) | kg/km | 126 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 1.2 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C35 0.6/1(1.2)kV 1C*35mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 35 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 7 |
| 4 | Thickness of Insulation | mm | 1.4 |
| 5 | Overall diameter of cable | mm | 11 |
| 6 | Weight of cable (approx) | kg/km | 115 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.868 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C50 0.6/1(1.2)kV 1C*50mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 50 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 8.4 |
| 4 | Thickness of Insulation | mm | 1.4 |
| 5 | Overall diameter of cable | mm | 12.3 |
| 6 | Weight of cable (approx) | kg/km | 161.0 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.641 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C70 0.6/1(1.2)kV 1C*70mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 70 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 10.0 |
| 4 | Thickness of Insulation | mm | 1.4 |
| 5 | Overall diameter of cable | mm | 14.1 |
| 6 | Weight of cable (approx) | kg/km | 224.0 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.443 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C95 0.6/1(1.2)kV 1C*95mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 95 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 11.6 |
| 4 | Thickness of Insulation | mm | 1.6 |
| 5 | Overall diameter of cable | mm | 16.5 |
| 6 | Weight of cable (approx) | kg/km | 297.0 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.32 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C120 0.6/1(1.2)kV 1C*120mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 120 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 14.2 |
| 4 | Thickness of Insulation | mm | 1.6 |
| 5 | Overall diameter of cable | mm | 17.7 |
| 6 | Weight of cable (approx) | kg/km | 485 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.253 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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YURI ABC-LV-1C150 0.6/1(1.2)kV 1C*150mm² AL/XLPE IEC-60502-1

| No. | Items | Unit | Nominal cross-section (mm ²) |
|-----|-----------------------------------|---------|--|
| | | | 1 x 150 |
| 1 | Rate Voltage | kV | 0.6/1 |
| 2 | Construction of conductor | n/mm | Round Compacted |
| 3 | Diameter of Conductor | mm | 15.8 |
| 4 | Thickness of Insulation | mm | 1.8 |
| 5 | Overall diameter of cable | mm | 19.6 |
| 6 | Weight of cable (approx) | kg/km | 597 |
| 7 | DC resistance of conductor at 20° | Ohm/km | 0.206 |
| 8 | Insulation resistance | Mohm.km | 1500 |
| 9 | Test Voltage for 5 minute | kV | 3.5 |
| 10 | Packaging length per drum | m | 1000 |

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