



THREE-CONDUCTOR SERVICE DROP

ASTM / Utility service-drop specification

6 orderable sizes

| | | |
|--|-------------------------------|--|
| STANDARD ASTM / Utility service-drop specification | VOLTAGE CLASS 600 V | CONDUCTOR 16 mm ² aluminium, 25 mm ² aluminium, 35 mm ² aluminium, 50 mm ² aluminium, 70 mm ² aluminium, 95 mm ² aluminium |
| INSULATION / JACKET Black weather resistant XLPE surface | | |

Construction

- 1 Conductor (per core) – Class 2 stranded aluminium conductor
- 2 Core insulation – Weather resistant XLPE insulation · Wall Weather resistant XLPE insulation mm

Size selection – all available cross-sections

| Cable reference | Voltage class | Bundle layout | Phase conductor | Neutral / messenger | Insulation | Screen / support | Max DC resistance at 20 °C | Bundle OD guide | Weight guide |
|--|---------------|----------------------|---|-----------------------------|-----------------------------------|---|----------------------------|-----------------|--------------|
| Triplex service drop ABC 600 V Triplex service drop 16 mm ² ACSR neutral messenger 6/1 | 600 V | Triplex service drop | 16 mm ² stranded aluminium phase conductor | ACSR neutral messenger 6/1 | Weather resistant XLPE insulation | Neutral-supported service drop construction | 1.91 Ω/km | 22 mm | 0.57 kg/m |
| Triplex service drop ABC 600 V Triplex service drop 25 mm ² ACSR neutral messenger 6/1 | 600 V | Triplex service drop | 25 mm ² stranded aluminium phase conductor | ACSR neutral messenger 6/1 | Weather resistant XLPE insulation | Neutral-supported service drop construction | 1.20 Ω/km | 23 mm | 0.69 kg/m |
| Triplex service drop ABC 600 V Triplex service drop 35 mm ² ACSR neutral messenger 6/1 | 600 V | Triplex service drop | 35 mm ² stranded aluminium phase conductor | ACSR neutral messenger 6/1 | Weather resistant XLPE insulation | Neutral-supported service drop construction | 0.868 Ω/km | 24 mm | 0.82 kg/m |
| Triplex service drop ABC 600 V Triplex service drop 50 mm ² ACSR neutral messenger 26/7 | 600 V | Triplex service drop | 50 mm ² stranded aluminium phase conductor | ACSR neutral messenger 26/7 | Weather resistant XLPE insulation | Neutral-supported service drop construction | 0.641 Ω/km | 26 mm | 1.09 kg/m |
| Triplex service drop ABC 600 V Triplex service drop 70 mm ² ACSR neutral messenger 26/7 | 600 V | Triplex service drop | 70 mm ² stranded aluminium phase conductor | ACSR neutral messenger 26/7 | Weather resistant XLPE insulation | Neutral-supported service drop construction | 0.443 Ω/km | 28 mm | 1.36 kg/m |

| Cable reference | Voltage class | Bundle layout | Phase conductor | Neutral / messenger | Insulation | Screen / support | Max DC resistance at 20 °C | Bundle OD guide | Weight guide |
|--|---------------|----------------------------|---|--------------------------------------|--|---|----------------------------|-----------------|--------------|
| Triplex service drop ABC 600 V Triplex service drop 95 mm ² ACSR neutral messenger 26/7 | 600 V | Triplex service drop | 95 mm ² stranded aluminium phase conductor | ACSR neutral messenger 26/7 | Weather resistant XLPE insulation | Neutral- supported service drop construction | 0.320 Ω/km | 29 mm | 1.70 kg/m |