

Al/XLPE Duplex Cable 4/2 AWG (Delgado)

Neutral Core

| | | | | |
|----|----------------------------------|---------|---|----------------------|
| 1 | Material | | → | Aluminium 1350 (H19) |
| 2 | Conductor Size | | → | 4 AWG |
| 3 | Nominal Area | | → | 21.2 mm |
| 4 | Number of Aluminium Wire | | → | 7 |
| 5 | Shape of the Conductor | | → | Stranded Compressed |
| 6 | Compressed Diameter | App | → | 5.6 mm |
| 7 | Rated Strength | Min | → | 3.91 kN |
| 8 | Lay Direction | | → | Z Right Hand |
| 9 | Neutral Core Lay Factor | Min | → | 8 |
| | | Max | → | 16 |
| 10 | Calculated DC Resistance at 20°C | Max | → | 1.434 Ω/km |
| 11 | Insulation Material | | → | XLPE |
| 12 | Insulation Colour | | → | Black |
| 13 | Insulation Thickness | Avg | → | 1.5 mm |
| | | Min | → | 1.25 mm |
| 14 | Core Identification | Neutral | → | YELLOW STRIPE |

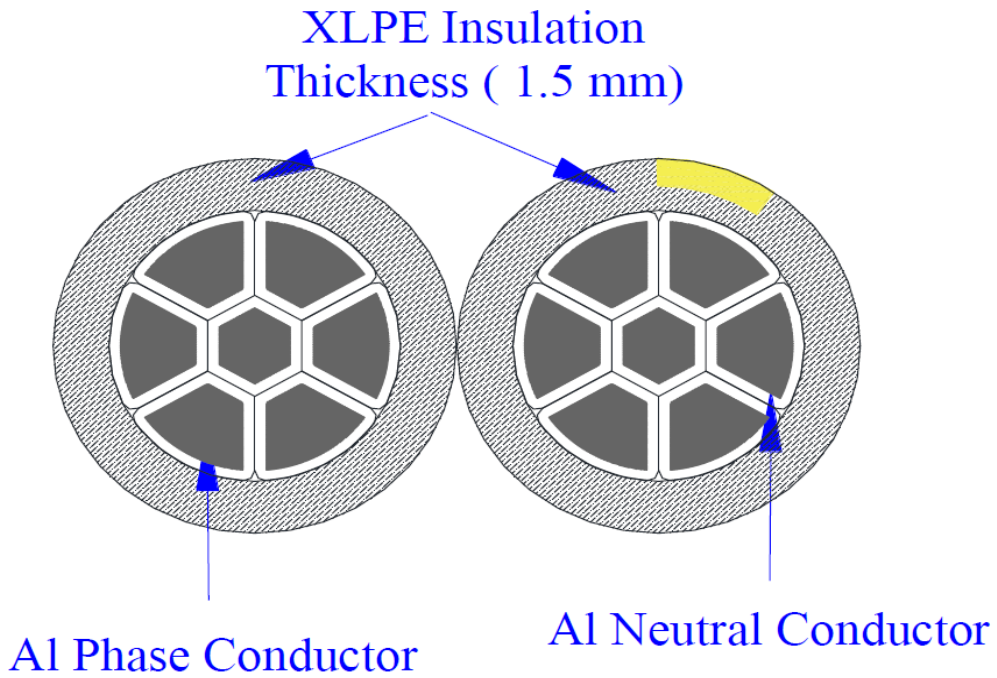
Phase Core

| | | | | |
|----|----------------------------------|-------|---|----------------------|
| 15 | Material | | → | Aluminium 1350 (H19) |
| 16 | Conductor Size | | → | 4 AWG |
| 17 | Nominal Area | | → | 21.2 mm |
| 18 | Number of Aluminium Wire | | → | 7 |
| 19 | Shape of the Conductor | | → | Stranded Compressed |
| 20 | Compressed Diameter | App | → | 5.6 mm |
| 21 | Rated Strength | Min | → | 3.91 kN |
| 22 | Lay Direction | | → | Z Right Hand |
| 23 | Phase Core Lay Factor | Min | → | 8 |
| | | Max | → | 16 |
| 24 | Calculated DC Resistance at 20°C | Max | → | 1.434 Ω/km |
| 25 | Insulation Material | | → | XLPE |
| 26 | Insulation Colour | | → | Black |
| 27 | Insulation Thickness | Avg | → | 1.5 mm |
| | | Min | → | 1.25 mm |
| 28 | Core Identification | Phase | → | Plain |

Complete Cable

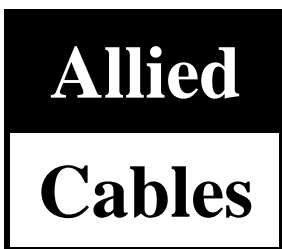
| | | | | |
|----|------------------------|-------|---|--------------------|
| 29 | Maximum Lay Pitch | | → | 80 cm |
| 30 | Lay Direction | | → | Z Right Hand |
| 31 | Total Weight | App | → | 175.8 kg/km |
| 32 | Marking to be Engraved | Phase | → | Manufacturers name |
| 33 | Packing Method | | → | 500ft coils |

Reference Standards: ASTM B231-90, ASTM 230, Customer Specification, NFC 33-209



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Technical Services Department
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all dimensions are in mm



| | | | |
|---|----------|---|--------------|
| Allied Cables Ltd | | Allied Works, Liverpool Road, Warrington, Cheshire WA5 1AP | |
| AL/XLPE 21.2mm 4/2awg Duplex Cable (Delgado) | | | |
| Item Code: T - 2243 | | | |
| Checked: Eng EX | | Approved: EE(TSD) | |
| Date: | 26.07.17 | Scale: | not to scale |