

Aluminium cable

Descripción

At Bronmetal we supply a variety of formats of high quality aluminium cable, also known as bare aluminium connectors.

Packaging. We supply aluminium cable in reels. The length will depend on the composition of the aluminium cable. See the section on aluminium cable packaging.

• ACSR, ALUMINIUM CONDUCTORS STEEL REINFORCED aluminium cable

DEFINITION: Aluminium conductors with steel core.

Made up of several aluminium and galvanised steel wires bundled into concentric layers.

MAIN APPLICATIONS: In medium, high and very high voltage overhead lines.

STANDARDS: EN 50182, ASTM B-232, BS 215-2, DIN 48204, UNE 21018

• AAC, ALL ALUMINIUM CONDUCTORS aluminium cable

DEFINITION: Aluminium conductors. Made up of several aluminium wires bundled into concentric layers.

Very high conductivity/weight ratio.

MAIN APPLICATIONS: Conductor in high voltage substations, conductor in overhead distribution lines, conductor (compact) for insulated cables.

STANDARDS EN 50182, ASTM B-231, BS 215-1, DIN 48201-5, UNE 21018

• AAAC, ALL ALUMINIUM ALLOY CONDUCTORS aluminium cable

DEFINITION: Aluminium alloy conductors. Made up of several aluminium wires bundled into concentric layers.

MAIN APPLICATIONS: Low, medium, high and very high voltage overhead lines.

STANDARDS: EN 50182, ASTM B-399, BS 3242, DIN 48201-6, UNE 21018

• AACSR, ALUMINIUM CONDUCTOR STEEL REINFORCED aluminium cable

DEFINITION: Aluminium alloy conductors with steel core. Made up of several aluminium alloy and galvanised steel wires bundled into concentric layers.

MAIN APPLICATIONS: Low, medium, high and very high voltage overhead lines.

STANDARDS: EN 50182, ASTM B711, UNE 21018

• ACSR / AW, ALUMINIUM ALLOY CONDUCTOR ALUMINIUM CLAD STEEL REINFORCED aluminium cable

DEFINITION: Aluminium alloy conductors with steel core. Made up of several aluminium and aluminium-clad steel wires bundled into concentric layers.

MAIN APPLICATIONS: Medium, high and very high voltage overhead lines, especially in corrosive environments.

Greater resistance to corrosion than ACSR and AACSR.

STANDARDS: ASTM B-549, UNE 21 018

• ACAR, ALUMINIUM CONDUCTOR ALLOY REINFORCED cas. aluminium cable

DEFINITION: Aluminium and aluminium alloy conductors. Made up of several aluminium and aluminium alloy wires bundled into concentric layers.

STANDARDS: ASTM B524.

• ACSS, ALUMINIUM CONDUCTOR STEEL SUPPORTED aluminium cable

Aluminium conductors supported by steel bundled into concentric layers.

STANDARDS: ASTM B856, ASTM B857, EN 50540.

• OPGW, OPTICAL GROUND WIRE aluminium cable

DEFINITION: Made up of an optical core of several fibres housed in an extruded aluminium tube into which one or more layers of aluminium-clad steel wires are bundled.

STANDARDS: UNE-EN 61 232, IEC 60 794.

• EARTH CABLE, ALUMINIUM-CLAD STEEL CONDUCTORS aluminium cable

DEFINITION: Aluminium-clad steel wires.

Made up of several aluminium clad steel wires bundled into concentric layers.

MAIN APPLICATIONS: Earth cable in distribution lines, conductor in large crossings and rural electrification lines, fastening cable for guyed pylons.

STANDARD: ASTM B-416