

Manufacturer : Borsan Kablo Elektrik Aydınlatma İnş.San.Ve Tic A.Ş.  
Production Site : SAMSUN/TURKEY  
Production Type : **70 MM<sup>2</sup> AlMgSi (7x3.75 MM) COMPACT CONDUCTOR + XLPE INSULATION**

**AAAC-XLPE 70**  
**Medium voltage insulated conductor for overhead line**



Single-core self-supporting overhead cable with aluminum alloy conductor and cross-linked polyethylene (XLPE) insulation. Resistant to UV and unstable weather conditions. Conductor shape round, class 2 = stranded; black insulation

DESCRIPTION	UNITS	DATA
Standard		TS EN 50182 - TS IEC 60502-2
Country Of Manufacture		TURKEY
Name Of Manufacturer		BORSAN CABLE
Conductor Material		AlMgSi
Conductor Class		CLASS 2
Conductor Stranding		1 + 6
Conductor Shape		COMPACTED STRANDED
No. Of Cores X Conductor Cross Sectional Area	mm	7 x 3.75
Cross Section Area	mm <sup>2</sup>	77.4
Weight	kg/km	266
Conductor 20 °C D.C. Resistance (Max)	Ohm/km	0.49
Copper Bending Direction		OUTERMOST LAYER BENDS TO THE RIGHT
Diameter Of Core	mm	9.7
Conductor Breaking Load	N/mm <sup>2</sup>	20,6
Insulation Material		XLPE
Insulation Thickness	mm	2.3