DATASHEET



CAS - ALUMOSTEEL WIRE ROPES

CAS58-19F

Description

Made of aluminum-clad steel conductors, ALUMOSTEEL stranded conductor offers a technological solution for stay in power distribution and transmission lines, messenger and neutral for spacer power distribution lines (protected compact), messenger for telephony, rural electrification and lightning cable.

In relation to hot dip galvanized steel, ALUMOSTEEL stranded conductor has greater resistance to corrosion, protective aluminum layer in microns greater than a class 2 or B zinc plating, higher conductivity (13% IACS versus 8% IACS), less weight per kilometer (on average 8%), equivalent mechanical resistance, price per kilo equivalent and the same fittings.





Datasheet

Diameter (inches)558Wire Rope Characteristics15.87Qty. Of Wires19Diameter of Wires (mm)3.18Diameter of Wires (mm)71Minimum Aluminum Layer (µm)77Aluminum Area (%)10Steel Area (%)90Nominal Weight (kg/km)1107,00Elastic Modulus (GPa)128Coff. of Linear Thermal Expansion (1/°C)128SM (daN)12900FIS (daN)12900<		
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HS (daN)12900EHS (daN)18340Package18340Reel Type-Nominal Length (m)-	Minimum Braking Load	
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Reel Type - Nominal Length (m) -	HS (daN)	12900
Reel Type - Nominal Length (m) -	EHS (daN)	18340
Nominal Length (m)	Package	
	Reel Type	-
Net Weight per Reel (kg) -	Nominal Length (m)	-
	Net Weight per Reel (kg)	-

Gross Weight per Reel With Packing (kg)

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