

TECHNICAL FILE:

Intertwined PVC wire with cotton yarn

1.- Construction specifications

Characteristics	Values	Standard
Conductor material	Copper	
Flexibility of conductor	Flexible Class V	IEC 60228:2005
Insulation	PVC type T11	EN 50525-2-31:2012
Insulation colour	Brown, blue and green-yellow	
Halogen free	No	
RT of insulation	0,8	IEC 60227-1:1993
Diameter over core	3,6	

2.- Physical specifications

Characteristics	Values	Standard
Flame retardant	Yes	IEC 60332-1-2:2004
Operating temperature, range	5°C to +70°C	
Max. conductor temperature in service	70 °C	

3.- Electrical specifications

Characteristics	Values	Standard
Rated Voltage U_0/U (U_m)	450 / 750 V	EN 50525-2-31:2012

FONTINI S.A. assures that all cables are H07V-K according to standards EN 50.525-2-31 , IEC 60-227-1 and HD 22.1S3.

Cables are overbraided with cotton yarn which gives more mechanical protection.

Signed by:
Justin Esturo
Quality Department

