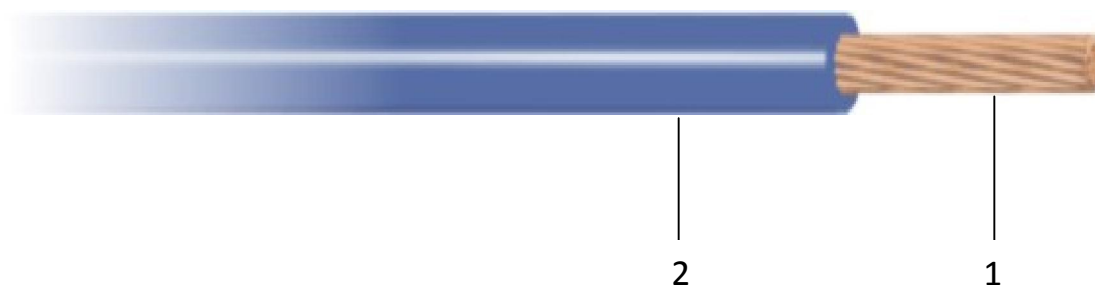


Standard	Aprobari / Approvals	Ambalare / Packaging	
ST 133 ; UIC 895OR	Certificat de omologare tehnica feroviara Nr 325/2008, AFER Buc Railway Technical Approval Certificate No. 325/2008, AFER Buc Romania	Tambur/ drum	

CARACTERISTICI		CHARACTERISTICS	
<p><b>Utilizare</b> Caburile sunt utilizate la locomotive electrice si aparataj electric. Clasa de risc a conductorului izolat este 1B conf OMT 290/2000</p>		<p><b>Applicability</b> Locomotives and electric appliances. Cables are 1B grade risk according to OMT 290/2000.</p>	
Tensiune nominala	750 V	Rated voltage	750V
Tensiune de incercare	2000 V c.a, 50 Hz, timp de 15 minute in apa	Test voltage	2000 V ac ,15 min in water
Temperatura minima de instalare pe cablu	-5°C	The minim temperature of de cable during installation	-5°C
Temperatura maxima de lucru	+105°C	Max. permissible operating temperature	+105°C
Temperatura maxima de scurt-circuit	+160°C (max 5 sec)	Max. short-circuit temperature	+160°C (max 5 sec)
Temperatura de utilizare normala	-40°C ÷ +105°C	Normal operational temperature range	-40°C ÷ +105°C
Temperatura minima de montaj	-5°C	Temperature during installation	-5°C
Conductor de cupru	Conductor multifilar, flexibil cl.5 conf. SR EN 60228	Copper conductor	Flexible conductor, cl.5 according to SR EN 60228
Izolatie	PVC 105°C	Insulation	PVC 105°C
Raza minima de curbura la instalare	Min. 6 x diametrul cablului	Min. bending radius at installation	Min. 6 x cable diameter
Fora maxima de tractiune la pozare	Max 50 N/mm <sup>2</sup>	Max. tensile strain during installation	Max 50 N/mm <sup>2</sup>
Culoare izolatie	albastru	Insulation colour	blue

Secțiunea nominală a conductorului <i>Conductor's nominal cross-section</i>	Diametru max al sarmei de cupru <i>Wire max. diameter</i>	Grosime nominală izolație <i>Insulation nominal thickness</i>	Diametru exterior nominal <i>Outer nominal diameter</i>	Rezistență electrică, max la 20°C <i>Max. resistance at 20°C</i>
mm <sup>2</sup>	mm	mm	mm	Ω/km
0.75	0.21	0.6	2.4	26.0
1	0.21	0.6	2.5	19.5
1.5	0.26	0.7	3.0	13.3
2.5	0.26	0.8	3.7	7.98
4	0.31	0.8	4.2	4.95
6	0.31	0.8	4.7	3.30
10	0.41	1.0	6.8	1.91
16	0.41	1.0	7.9	1.21
25	0.41	1.2	9.7	0.780
35	0.41	1.2	11.2	0.554
50	0.41	1.4	13.4	0.386
70	0.51	1.4	15.4	0.272
95	0.51	1.6	17.7	0.206
120	0.51	1.6	19.6	0.161
150	0.51	1.8	20.0	0.129
185	0.51	2.0	23.0	0.106

### Forma constructivă a conductorului



1	Conductor flexibil din cupru	1	Flexible copper conductor
2	Conductor izolat	2	Insulated conductor