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RAILWAYS

Technical
Specification

N°
535B0011



RoHS
compliant
2002/95/EC

Description : EN 50200 S 2x0,75 mm²		
Conductor		
		u/m
Material	Stranded Tinned Copper	
Diameter of wire	IEC 60228 - Class 5	mm
Nominal Section	0,75	mm²
Protection		
		u/m
Material	Mica Tape	
Insulation		
		u/m
Material	Elastomeric Rubber Compound Type EI105	
Colour	Black numbered	
Nominal Diameter	2,6	mm
Nominal Thickness	0,7	mm

Assembly		
2 conductors assembled with eventual filler and syntetic tape		
Shield		
		u/m
Material	Tinned Copper Braid	
Coverage	85	%
Diameter of strands	0,15	mm

Outer Sheath		
		u/m
Material	Halogen free flame retardant Cross –linked LSZH SHF2 type EM104	
Colour	Red	
Nominal Thickness	1,4	mm
Nominal Diameter	8,7	mm
Marking	TECNIKABEL - ITALY - (week/year) - EN 50264-2-2 300V 2x0,75 OM S EN 50200 PH 90	

Date	Rev.	Page 1 of 2
16/02/2015	0	Emission
Leonardo BRUNI		Technical Office

For Further information on this product or any other product within our range, or for any advice, Please contact
Tecnikabel S.p.A., Via Brundisio 243, 10088 - Volpiano (TO), Italy ☎ 011-9951997, Fax ☎ 011-9953062
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RAILWAYS

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Specification

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RoHS
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Description : EN 50200 S 2x0,75 mm²	
Electrical Characteristics	
- Resistance of the inner conductor at 20°C	: ≤ 26,7 Ω/km
- Insulation Resistance at 20°C	: ≥ 250 MΩ x Km
-Voltage rating	: 300/500 V
- Test Voltage	: 2000 Volt AC x 5 minutes

Other Characteristics	
- Temperature rating	: -40 ÷ 90 ° C
- Minimum bending diameter	: 10 x Ø of the cable

Fire performance	
- Flame propagation of single cable	: EN 50265-1 - EN 60332-1-2
- Flame Propagation of bunched cable	: EN 50266-2-5 – EN 50305 9.1.1 IEC 60332-3-25
- Fire Resistance	: EN 50200 PH 90 min
- Low Smoke Density (EN 50268-2 – IEC 61034-2)	: Trasmittance ≥ 70 %
- Halogen acid gas emission (EN 50267-2-1 – IEC 60754-1)	: HCl ≤ 0,5 %
- Degree of acid of gases evolved during of the combustion (EN 50267-2-2 – IEC 60754-2)	: pH ≥ 4,3 Conduktivty ≤ 10 µS/mm
- Fluorine content (EN 60684-2)	: ≤ 0,1
- No Toxic Gases (EN 50305 par.9.2)	: ≤ 3

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32	ESQUEMAS ELEC. Y LOGICOS SCHEMI ELETTR. E LOGICI	1	B.20.75.000.00	0.000			
31	CABLE MULTIPOLAR RF 1x4MM² CAVO MULTIPOLARE RF 1x4MM²	1		0.078			
30	CABLE MULTIPOLAR RF 4x4MM² CAVO MULTIPOLARE RF 4x4MM²	1		0.230			
29	CABLE MULTIPOLAR RF 9x2.5MM² CAVO MULTIPOLARE RF 9x2.5MM²	1		0.150			
28	CABLE MULTIPOLAR RF 4x2.5MM² CAVO MULTIPOLARE RF 4x2.5MM²	1		0.182			
MARCA	DESCRIPCIÓN DESCRIZIONE	CANT. QUANT.	CÓDIGO O NORMA CÓDICE O NORMA	MATERIAL O REFERENCIA MATERIALE O REFERENZA	PESO PESO (Kg)	DIMENSIONES DIMENSIONES (mm)	


27	CABLE MULTIPOLAR RF 3x2.5MM² CAVO MULTIPOLARE RF 3x2.5MM²	1			0.146		
26	CABLE MULTIPOLAR RF 2x2.5MM² CAVO MULTIPOLARE RF 2x2.5MM²	1			0.110		
25	CABLE MULTIPOLAR RF 1x2.5MM² CAVO MULTIPOLARE RF 1x2.5MM²	1			0.065		
24	CABLE MULTIPOLAR RF 8x1.5MM² CAVO MULTIPOLARE RF 8x1.5MM²	1			0.262		
23	CABLE MULTIPOLAR RF 6x1.5MM² CAVO MULTIPOLARE RF 6x1.5MM²	1			0.167		
22	CABLE MULTIPOLAR RF 4x1.5MM² CAVO MULTIPOLARE RF 4x1.5MM²	1			0.125		
MARCA	DESCRIPCIÓN DESCRIZIONE	CANT. QUANT.	CÓDIGO O NORMA CÓDICE O NORMA	MATERIAL O REFERENCIA MATERIALE O REFERENZA	PESO PESO (Kg)	DIMENSIONES DIMENSIONES (mm)	

21	CABLE MULTIPOLAR RF 3x1.5MM² CAVO MULTIPOLARE RF 3x1.5MM²	1			0.098		
20	CABLE MULTIPOLAR RF 2x1.5MM² CAVO MULTIPOLARE RF 2x1.5MM²	1			0.080		
19	CABLE MULTIPOLAR RF 1x1.5MM² CAVO MULTIPOLARE RF 1x1.5MM²	1			0.045		
18	CABLE MULTIPOLAR RF 8x1MM² CAVO MULTIPOLARE RF 8x1MM²	1			0.205		
17	CABLE MULTIPOLAR RF 6x1MM² CAVO MULTIPOLARE RF 6x1MM²	1			0.135		
16	CABLE MULTIPOLAR RF 4x1MM² CAVO MULTIPOLARE RF 4x1MM²	1			0.090		
15	CABLE MULTIPOLAR RF 3x1MM² CAVO MULTIPOLARE RF 3x1MM²	1			0.075		
14	CABLE MULTIPOLAR RF 2x1MM² CAVO MULTIPOLARE RF 2x1MM²	1			0.060		
13	CABLE MULTIPOLAR RF 1x1MM² CAVO MULTIPOLARE RF 1x1MM²	1			0.036		
12	CABLE MULTIPOLAR RF 8x0.75MM² CAVO MULTIPOLARE RF 8x0.75MM²	1			0.165		
11	CABLE MULTIPOLAR RF 6x0.75MM² CAVO MULTIPOLARE RF 6x0.75MM²	1			0.117		
10	CABLE MULTIPOLAR RF 4x0.75MM² CAVO MULTIPOLARE RF 4x0.75MM²	1			0.075		
09	CABLE MULTIPOLAR RF 3x0.75MM² CAVO MULTIPOLARE RF 3x0.75MM²	1			0.068		
08	CABLE MULTIPOLAR RF 2x0.75MM² CAVO MULTIPOLARE RF 2x0.75MM²	1			0.050		
07	CABLE MULTIPOLAR RF 1x0.75MM² CAVO MULTIPOLARE RF 1x0.75MM²	1			0.033		
06	CABLE MULTIPOLAR RF 8x0.5MM² CAVO MULTIPOLARE RF 8x0.5MM²	1			0.135		
05	CABLE MULTIPOLAR RF 6x0.5MM² CAVO MULTIPOLARE RF 6x0.5MM²	1			0.080		
04	CABLE MULTIPOLAR RF 4x0.5MM² CAVO MULTIPOLARE RF 4x0.5MM²	1			0.055		
03	CABLE MULTIPOLAR RF 3x0.5MM² CAVO MULTIPOLARE RF 3x0.5MM²	1			0.050		
02	CABLE MULTIPOLAR RF 2x0.5MM² CAVO MULTIPOLARE RF 2x0.5MM²	1			0.040		
01	CABLE MULTIPOLAR RF 1x0.5MM² CAVO MULTIPOLARE RF 1x0.5MM²	1			0.029		
MARCA	DESCRIPCIÓN DESCRIZIONE	CANT. QUANT.	CÓDIGO O NORMA CÓDICE O NORMA	MATERIAL O REFERENCIA MATERIALE O REFERENZA	PESO PESO (Kg)	DIMENSIONES DIMENSIONES (mm)	

LOCOMOTIVA E401

A Modificar cajetín 2016-07-07 96411

ISO 2768-cK
DIN ISO 13920-BF



Power & Automation

Ed.

Descrizione

Date

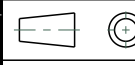
Nome

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Disegnato

22/06/2015


10221



Comprovato

22/06/2015

12199



Verificato

22/06/2015

14422

es/it

Date

Nome

CABLE MULTIPOLAR RF (EN 50264-2-2)

CAVO MULTIPOLARE RF (EN 50264-2-2)

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