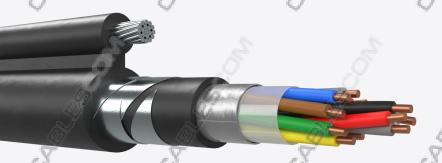


#### **Cable Multiconductor EAPSSP-8**

RAILWAY SIGNALLING CABLES, MULTICORE, PE SHEATH FOR EXTERNAL INSTALLATIONS WATERBLOCKING AND RODENT RESISTANT



## **Description and application**

Cables from 2 to 61 conductors. Copper conductor of 1,4mm section insulated with PE. Conductors are stranded in layers to form the core, core that is protected with a EAPSSP-8 type sheath. This sheath offers protection against hunters.

They are used as railway signaling cables. Self-supported aerial installation.

### Construction

- Conductors: Annealed copper. Section: 1,4mm.
- Insulating: Solid polyethylene.
- \* Cabling element: Conductors.
- Core Construction: Conductors are stranded in layers. See coloured code table.
- Core wrapping: Dielectric tape longitudinally applied with overlap.
- Screen: Aluminium-copolymer tape longitudinally applied with overlap.
- Inner sheath: Polyethylene.
- Armour: Two steel tapes helically applied.
- Support: Galvanized Steel wire rope.
- Outer Sheath: UV resistant black polyethylene.
- Marking: CABLESCOM / Year / Lenght (Other type of marking available under request)



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All drawings, weights and dimensions details, as well as tube and fibre colours in this document are only indicative and

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ELECTRICAL	<b>CHARACTERISTICS</b>	(20°C)
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4	4	4	4	4	1.4
Maximum resista	nce (Ω/km)	8	3	3	11.9
Minimum insulati	on resistance (MΩx	km, 20°C, 500V)			15000
Mutual capacity	nF/km, 800 Hz)	Š	Š	Š	8
Dielectric streng	h (Vdc, 2min) Cond	uctor - Conductor	,9	19	3000
Dielectric strengt	th (Vdc, 2min) Cond	uctor - Screen	à T	ð	3500
AS/DC operating	voltage (V)	Š	8	S	8

## **MECHANICAL AND THERMAL PROPERTIES**

Maximum allowable radius	4	49	15 x Ø cable	4
Operating temperature range	ğ	Ĭ	-25° C / +75° C	ğ
Installation temperature range	O.	0	Q,	O,



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# **DIMENSIONS AND WEIGHTS**

47	47	Cable Multic	onductor EAPSSP-8 x 1.4	4	9	49
Number	of conductors	∂ No	ominal Weight (kg/km)	- B	Nomin	al OD (mm)
2x1	T	357	T	S 2	4,2+14,2	T
4x1		380		2	5,3+15,3	
7x1	Ş	625	F 5	3	1,3+17,8	Ş
9x1	9	709	9	3	3,5+20,0	49
12×1	Ĭ	768	À	3	4,0+20,5	Ì
19x1	Š	930	Ö	<i>Ŏ</i> 3	5,9+22,4	Ö
27x1	2	1125	2 2	3	8,6+25,1	2
37x1	.8	1346	.5	4	1,0+27,5	.8
48x1	.4	1593	4	4	3,8+30,3	.4
61×1	Z.	1857	N. S.	4	5,9+32,4	Z Z
18	7.8	18	78	15		18



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