

Cable Self-Supported Quad EAPSSP-8

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



Description and application

Cables from 1 to 28 quads, of 0.9 or 1.4 mm, polyethylene insulated. Conductors are stranded in layers to form the core, core that is protected with a self-supported typo EAPSSP-8 sheath.

Cables use for networks or trucks, especially in railway applications. Aerial installation.

Construction

- Conductors: Annealed copper solid wire, 0.9 or 1.4 mm. diameter.
- Insulating: Solid polyethylene.
- Core Formation: Star Quads. See colour code table.
- Core wrapping: Dielectric tape longitudinally applied with overlap.
- Screen: Aluminium- copolymer tape longitudinally applied with overlap.
- Inner sheath: Low Density polyethylene.
- Armour: Two steel tapes helically applied.
- Outer sheath: black PE material.
- Support: Galvanized Steel wire rope.
- 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 must not be considered contractual.

TITLE	EDITION	APPROVED BY	DATE
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ELECTRICAL	CHARACTERISTICS	(20°C)
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J J	0.9	1.4	29
Maximum resistance (Ω/km)	29.0	3 11.9	8
Minimum insulation resistance (MΩxkm, 20°C, 500V)	15000	1500	00
Mutual capacity (nF/km, 800 Hz)	Medio: 38 ± 3;	Max: 45 Med	o: 41 ± 4; Max: 48
Dielectric strength (Vdc, 2min) Conductor - Conducto	or 3000	3000	9
Dielectric strength (Vdc, 2min) Conductor - Screen	3500	3500	
AS/DC operating voltage (V)	\$	8	T

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius	49	4	15 x Ø cable	G.
Operating temperature range	ğ	ğ	-25 °C / +75 °C	ğ
Installation temperature range	Q3	O,	C)	C)



Cables de Comunicaciones Zaragoza, SL.

Polígono de Malpica, calle D, nº 83. 50016 Zaragoza - Spain +34 976 729 900 |

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DIMENSIONS AND WEIGHTS

Cable Self-Supported Quad EAPSSP-8 x 0.9					
Number of conductors Nominal Weight (kg/km) Nominal OD (mm)					
1x4	8	325	8	24,3+1	14,3
3x4		456		27,6+3	17,6
5x4	Ę	756	Ē	34,7+2	21,2
7×4	49	846	9	36,5+2	23,0
10×4	ğ	996	ğ	39,0+2	25,5
14x4	O.	1183	O _X	41,7+2	28,2
19x4	5	1407	2	44,7+3	31,2
25x4	.5	1689	.8	49,2+3	35,7
28x4	4	1790	4	49,2+3	35,7
Cable Self-Supported Quad EAPSSP-8 x 1.4					

Cable Self-Supported Quad EAPSSP-6 x 1.4					
Numbe	er of conductors	Nominal	Weight (kg/km)	Nomina	l OD (mm)
1x4		389		25,2+15,2	
3x4	2	663	2	31,8+21,8	2
5x4		1105		41,2+27,7	
7x4	49	1259	G	42,7+29,2	g
10×4	Ĭ	1536	Ĭ	45,8+32,3	ğ
14×4	C)	1905	C) (49,6+36,1	Q'
19x4	. 2	2354	2	53,9+40,4	2
25x4	Le la companya di managara	2874	2	58,3+44,8	2
28x4	Ÿ	3123	Ÿ	59,3+45,8	4



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