

Cable Quad EAP-CC-P-R

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



Description and application

Cables from 1 to 50 star quads, conductors with diameter 0.8mm and foam skin-PE-insulated, stranded into 5-quad units to build the core, which is jelly filled. The filled cable core is then protected with a double PE sheath with a copper wire screen between them. To be installed in ducts or direct buried Generally according to MÁV Technical Specifications: P-2518_2002

The recommended application is for railway telecommunication with high electromagnetic inductions.

Construction

- Conductors: Annealed copper; 0.8mm nominal diameter.
- 🏞 Insulation: Foam skin PE.
- Stranded element: Star quads.
- Core: From 1 to 50 quads in 5-quad units.
- Filling compound: Cable core filled
- Core wrapping: Double impregnated longitudinal paper tape with overlap.
- Aluminium screen: Copolymer coated aluminium tape longitudinally applied with overlap and bonded to the inner sheath.
- Inner sheath: Black polyethylene.
- Main screen: Impregnated paper tape + copper wire screen + polypropylene tape.
- 🐧 Outer sheath: Black UV resistant PE sheath.
- Marking: The sheath shall be marked at regular intervals with the following information:
 - Cablescom / MÁV ZRt. / HvrQ / telephone symbol / year / Length markings / Production number / CE



Certified Company ISO 9001 - ISO 14001

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
Cable Quad EAP-CC-P-R	3	O.salomon	2021-06-30



ELECTRICAL CHARACTERISTICS (20°C)

¥	Ÿ	29	Ÿ	4	0.8
Maximum resistance	(Ω/km)	Š	Š	3	73.2
Minimum insulation re	esistance (MΩxkm	ı, 20°C, 500V)			5
Mutual capacity (nF/k	m, 800 Hz)	Š	Š	Š	Max 42
Dielectric strength (V	dc, 2min) Conduc	tor - Conductor	19	B	500
Dielectric strength (V	dc, 2min) Conduc	tor - Screen	ð.	à T	2000
AS/DC operating volta	ige (V)	Š	8	Š	S

MECHANICAL AND THERMAL PROPERTIES

Maximum allowable radius

Operating temperature range

Installation temperature range



Cables de Comunicaciones Zaragoza, SL.

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DIMENSIONS AND WEIGHTS

4	¥	Cable Qua	d EAP-CC-P-R x 0.8	W.	W.
Numbe	r of conductors	Non	ninal Weight (kg/km)	Nom	inal OD (mm)
1x4	Š	375	T	18.0	Š
5x4	6	750		24.7	
10x4	Ę	1000	,5	27.8	,Ē
15x4	9	1200	49	30.7	9
25x4	Ì	1600	Ĭ	36.2	Ĭ
50x4	Q _X	2600	Q _X	46.8	O _X



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