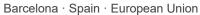
Sumcab Tailor Made Cables Pol. Ind. Ponent C/ Sant Galderic 32 08395 Sant Pol de Mar



stmc@sumcab.com www.stmcables.com



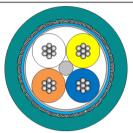




Sumtraffic® PNM-F5 4x22AWG

TDS STMC: 4258 Item number: 9704

Revision: 1 Date: 12/02/2024 Creator: C. Fontán



EN 45545

Application

The drawing is only an example

Cables for a Controller Area Network have been standardised for different application fields.

Design

Single cores

Flexible strand of tinned copper wires AWG 22/7. Conductor:

Insulation: Special Polyolefin. Nominal Ø 1,60 mm.

Core identification: White - Blue, Yellow - Orange.

Total assembly

Conductors laid-up together. Fillers placed as necessary to get a round assembly. Make-Up:

Aluminium/Polyester tape + Tinned copper wire braiding. Screen:

Special halogen free compound. Outer jacket:

Blue (Turquoise). Color: Outer diameter: $7,00 \text{ mm} \pm 0,30 \text{ mm}.$

Sumcab TMC - Sumtraffic® PNM-F5 4x22AWG 300V - CE- RoHS - "ww/yyyy" - "OF No" - Made in Spain -Printing on jacket:

www.stmcables.com "Meters"

Technical data

Min. bending radius:

Propagation speed:

Fire performance

Electrical & physical data

Static -40°C to +90°C Temperature range:

Flexing -5°C to +90°C

Static 8xD

Flexing 10xD

66%

Impedance (100 MHz): 100 Ω ±15% Maximal Voltage:

Electrical resistance (20°C):

300V \leq 55,8 Ω /km

Insulation resistance:

≥ 150 MΩ·km

Capacity: ≤ 55 pF/m

Test voltage (1 min.): 2 kVac (C/C); 1 kVac (C/S).

Copper content: 31,0 kg/km Cable weight: 73 kg/km

Other certifications / Special properties

Flame retardant: IEC 60332-1-2 IEC 61034-2. Low smoke emission:

> EN 50305 ap. 9.2 Toxicity:

Requeriments R15 and R16 for all the hazard levels HL1 - HL3 acc. Fire propagation: EN 60332-3-25

EN 45545-2

General Properties

CE 2014/35/EU & RoHS compliant

Manufacturer: Sumcab Tailor Made Cables, Barcelona - Country of origin: Spain

Customer acceptance		
	Name:	Signature & Company stamp:
Customer acceptance	Date:	

Expect High Perfomance

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