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Technical Datasheet

tasker® TSK301 – 2x1,00 mm²



Fire Detection Shielded Cable – PH120 – CPR Cca Class



CATEGORY Fire Safety Cable with CPR homologation (See news brochure)
APPLICATIONS Fire Detection systems and alarms.

- A:** Red **L.S.Z.H.** polymer grade M1. RAL 3000. Flame Retardant and halogen Free. Resistant to direct fire for 120 minutes at max 850°C. Outer cable Ø 7,10 (±0,20) mm.
- B:** Shielding with metallic tape covering 100% + tinned copper drain Wire.
- C:** Core Insulation in **silicon rubber** grade G4, colored one Red and one Black. Twisted together and grouped with PET tape. Diam. Ø 2,50 (±0,20) mm.
- D:** O.F.C. red copper formation 32x0,19 mm. Nom. Cross section 2x1,00 mm².

MARKING tasker® TSK301 – 2x1,00 mm² – Fire Detection Shielded Cable EN50200 (PH120) – 0987- CPR - 538 – 2022 – Cca – s1a – d1 – a1 - UNI 9795 – U_o/U 100/100 V -U_o =400V – Firestop® - Halogen Free - Made in Italy

NOTE The cables are suitable for application in the same conduit with circuits of electrical systems with rated voltage up to 400V to earth, typically 230/400V power systems.

Cable Properties

Conductor Resistance	19,50 Ω/Km
Max Rated Voltage	100 V
Max Pull Strength	10 kg/100N
Impedance	110 Ω
Min. Bending Radius	10xouterØ
Operative Temperature	-30/+70°C
Temperature Under Fire	850°C/120 min.

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. E / 31.08.22
	X	Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			