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## Technical Datasheet

# tasker® TSK301 – 2x1,00 mm<sup>2</sup>

### Fire Detection Shielded Cable – PH120 – CPR Cca Class **RoHS<sub>3</sub>**



**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 mm<sup>2</sup>.

**MARKING** tasker® TSK301 – 2x1,00 mm<sup>2</sup> – Fire Detection Shielded Cable EN50200 (PH120) – 0987- CPR - 538 – 2024 – Cca – s1a – d1 – a1 - UNI 9795 – U<sub>o</sub>/U 100/100 V -U<sub>o</sub> =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

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

<b>USE</b>	<input checked="" type="checkbox"/>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<input checked="" type="checkbox"/>	Fixed	Fissa	<b>INFORMATION</b>	<input checked="" type="checkbox"/>	RoHS2 Compliant
<b>Impiego</b>	<input checked="" type="checkbox"/>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<input checked="" type="checkbox"/>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<input checked="" type="checkbox"/>	Ver. E / 31.08.22
	<input checked="" type="checkbox"/>	Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			