



## Technical Datasheet

**tasker® C729 – 4x2x0,34 mm<sup>2</sup> ✓RoHS<sub>3</sub>**

**Halogen Free**

**Cat.6 S./U.T.P. Special LAN Cable - PH120**

**FirestoP®**



**CATEGORY** Fire Safety Cable (See news brochure)  
**APPLICATIONS** LAN cabling and Digital A/V that require the maintenance of signal even in presence of fire and smoke.

- A:** Red **L.S.Z.H.** polymer grade M1. Flame Retardant and halogen Free. Resistant to direct fire for 120 minutes at max 850°C. Outer cable Ø 10,20 (±0,10) mm.
- B:** Shielding with Braid of O.F.C. tinned copper, covering 85%
- C:** Single pairs are covered with **Fiber Glass Tape**.
- D:** **PE** cores insulation, diam. Ø 1,00 (±0,10) mm. RJ45 compatible. Each insulated wire is wrapped with **Fiber Glass Tape**. The pairs are grouped around a central PE cross filler. Core colors: Blue-white/Blue, Orange-white/Orange, Green-white/Green, Brown-white/Brown.
- E:** Red Copper stiff wire formation 1x0,64 mm. Nom. Cross section 4x2x0,34 mm<sup>2</sup>.

**MARKING** **tasker® C729 – 4x2x0,34 mm<sup>2</sup> –Special Cat.6 Fire Safety Cable**  
 – ISO/IEC 11801 – EN50173 - EN50200 (PH120) – L.S.Z.H. – Halogen Free  
 - FirestoP® - Made in Italy

### Cable Properties

<b>Conductor Resistance</b>	59,40 Ω/Km	<b>Max Rated Voltage</b>	125 Vac
<b>Impedance</b>	100 Ω	<b>Max Pull Strength</b>	170N
<b>Velocity of Propagation @100 MHz</b>	65%	<b>Min. Bending Radius</b>	20xouterØ
<b>Max Delay Screw @100 MHz</b>	20nsec/100m	<b>Operative Temperature</b>	-20/+70°C
<b>Capacity Core/Core</b>	58 pF/m	<b>Temperature Under Fire</b>	850°C/120 min.

<b>USE</b>	X	Indoor	Interno Edificio	<b>INSTALLATION</b>	X	Fixed	Fissa	<b>INFORMATION</b>	X	RoHS3 Compliant
<b>Impiego</b>	X	Outdoor Limited	Esterno Limitato	<b>Posa</b>	X	Flexible Limited	Flessibilità limitata	<b>Informazioni</b>	X	Ver. D / 07.05.19
	X	Outdoor	Esterno			Dynamic (Drag Chain)	Mobile in Catena			
		Outdoor Direct Burial	Esterno Interrato			Dynamic (Torsion)	Mobile in Torsione			