



Technical Datasheet

tasker® C729 – 4x2x0,34 mm² ✓RoHS₃

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 (±0,20) 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 (±0,20) mm. RJ45 compatible. Each insulated wire is wrapped with **Fiber Glass Tape**. The pairs are grouped around a central halogen free cross separator. 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 mm².

MARKING **tasker® C729 – 4x2x0,34 mm² – Special Cat.6 Fire Safety Cable**
– ISO/IEC 11801 – EN50173 - EN50200 (PH120) – L.S.Z.H. – Halogen Free
- FirestoP® - Made in Italy

Cable Properties

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

Fire Performance

Flame Retardant	Compliant IEC 60332-1
Fire Retardant	Compliant IEC 60332-3-24
Fire Resistant	EN50200 PH120
Halogen Free	Compliant IEC 50267-2-1
	Compliant IEC 50267-2-2

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS3 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Flexible Limited	Flessibilità limitata	Informazioni	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			