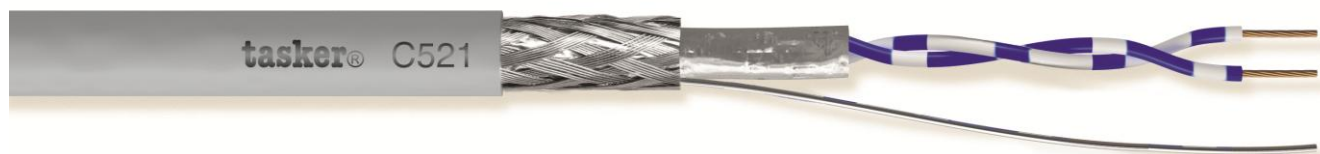


Technical Datasheet

tasker® C521 Shielded Cable for EIA RS 485 and DMX 512



A	B	C	D	E
---	---	---	---	---

CATEGORY APPLICATIONS

Industrial protocol Shielded Cable (See Data Network Catalogue)
Industrial Electronic Equipment conform to standard EIA RS485

- A:** Grey **PVC Flame Retardant** sheath IEC60332-1. RAL7001.
Outer cable Diam. Ø 6,70 (±0,20) mm.
- B:** First Shielding in O.F.C. tinned copper Braid, covering 85%
+ Drain Wire.
- C:** Second Shielding in Aluminum/PET tape, covering 100%.
- D:** The cores are stranded in a pair with 30 twist/m. and waste filler
between Conductors. The insulations are made with PE colored
White/Blue and Blue/White. Diam. Ø 2,10 (±0,20) mm.
- E:** O.F.C. tinned copper, formation 7x0,20 mm.
Nom. Cross section 1x2x0,22 mm²

MARKING

**tasker® C521 1x2x0,22 mm² – O.F.C. – EIA RS485 DOUBLE
SHIELDED TWISTED CABLE - FirestoP® - Made in Italy**

CUSTOM PRODUCTION

This product may be custom produced also in **PVC, PE, PUR**,
with or without Metallic Armor.

Cable Properties

Conductor Resistance	85 Ω/Km	Max Rated Voltage	30 V
Capacity Core/Core	45 pF/m	Min. Bending radius fixed	10 x O.D.
Capacity Core/Shield	76 pF/m	Min. Bending radius mobile	10 x O.D.
Impedance	120 Ω	Operative Temperature	-20/+80°C

Attenuation dB/100 m

100 KHz	1,00
500 KHz	1,60
1000 KHz	2,20

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS3 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa		Flexible Limited	Flessibilità limitata	Informazioni	X	Ver. C / 05.12.24
		Outdoor	Esterno			Dynamic (Drag Chain)	Mobile in Catena			
		Outdoor Direct Burial	Esterno Interrato			Dynamic (Torsion)	Mobile in Torsione			