

MILAN S.r.l. a socio unico

**Head Office – Export department:**  
 Viale Europa, 74  
 20090 Cusago (MI) Italy  
 T. +39 02 9039.4556-4158  
 F. +39 02 9039.4551  
 www.taskercables.com

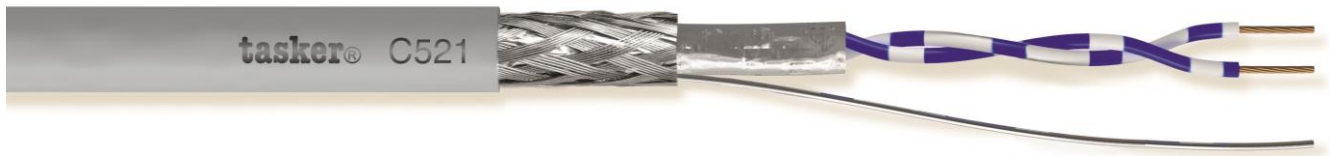
**Ufficio Commerciale e Centro Distribuzione**  
 Viale Europa 72 Strada F12  
 20090 Cusago (MI) Italy  
 T. +39 02 9039.0037-0059  
 F. +39 02 9039.0049  
 www.tasker.it

## Technical Datasheet

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

**FirestoP®**

**RoHS<sub>3</sub>**



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 mm<sup>2</sup>

**MARKING**

**tasker® C521 1x2x0,22 mm<sup>2</sup> – 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**

**Attenuation dB/100 m**

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

<b>100 KHz</b>	1,00
<b>500 KHz</b>	1,60
<b>1000 KHz</b>	2,20

<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"/>	RoHS3 Compliant
<b>Impiego</b>	<input checked="" type="checkbox"/>	Outdoor Limited	Esterno Limitato	<b>Posa</b>		Flexible Limited	Flessibilità limitata	<b>Informazioni</b>	<input checked="" type="checkbox"/>	Ver. C / 05.12.24
		Outdoor	Esterno			Dynamic (Drag Chain)	Mobile in Catena			
		Outdoor Direct Burial	Esterno Interrato			Dynamic (Torsion)	Mobile in Torsione			