

## Encoder Cable. EC-...C-O



- Encoder cable for incremental linear or angular encoders with 1 Vpp or differential TTL signal output.
- Encoder cable EC-...C-O without terminating connector for easier routing of the cable, connecting to third party extension cables or drives.
- Twisted pairs for differential signals.
- Dual shield.
- Available in 1, 3, 6, 9, 12 & 15 meter lengths.
- Available with or without armour.

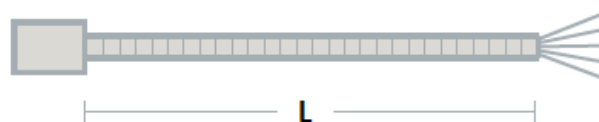
### Pin Out

Pin Input	Colour	Signal	Pin Output
	Green	Io	
	Pink	/Io	
	Brown	+5 V	
	Blue	B	
	Red	/B	
	White	0 V	
	Green	A	
	Yellow	/A	
	Internal Shield	Ground	
	External Shield	Ground	

### Pin Layout

### Cable Diagram

### Pin Layout



L = 1, 3, 6, 9, 12, 15 meters



## Lead-in Connector

## Cable Specification

## Terminating Connector

<b>Construction</b>	2 x 2 x 0.09 mm <sup>2</sup> + 2 x 2 x 0.14 mm <sup>2</sup>
<b>Material</b>	Polyurethane
<b>Ø without armour</b>	6.2 mm
<b>Bend radius dynamic</b>	≥ 60 mm
<b>Bend radius static</b>	≥ 24 mm
<b>Ø with armour</b>	10 mm
<b>Bend radius dynamic</b>	≥ 60 mm
<b>Bend radius static</b>	≥ 35 mm
<b>Shield</b>	Dual
<b>Terminating connector</b>	No

## Order Information

EC-(x)C-O      Where (x) = 1, 3, 6, 9, 12 or 15 meters. Indicate "-N" for no armour.  
**Note.** 0.13 meters available without armour.

## Example

Order Code	Description
EC-3C-O	Encoder cable of 3 meters, cable type "C" specifications as above. Without terminating connector and with armour.
EC-1C-O-N	Encoder cable of 1 meter, cable type "C" specifications as above. Without terminating connector and without armour.