

Encoder Cable. EC-...C-PN6



- Encoder cable for incremental linear or angular encoders with differential TTL signal output.
- Direct connection to Panasonic MINAS (A5 or higher model) systems.
- Twisted pairs for differential signals.
- Available in 1, 3, 6 & 9 meter lengths for armoured models and 1, 3, 6, 7 & 9 meter lengths for unarmoured models.
- Available with or without armour.

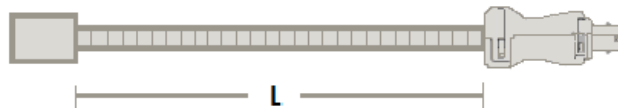
Pin Out

Pin Input	Colour	Signal	Pin Output
	Blue	B	5
	Red	/B	6
	Green	A	7
	Yellow	/A	8
	Grey	Io	9
	Pink	/Io	10
	Brown	+5 V	1
	White + Internal Shield	0 V	2
	External Shield	Ground	Housing

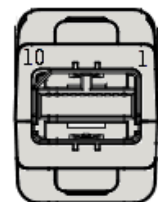
Pin Layout

Cable Diagram

Pin Layout



L = 1, 3, 6, 9 meters armoured
L = 1, 3, 6, 7, 9 meters unarmoured



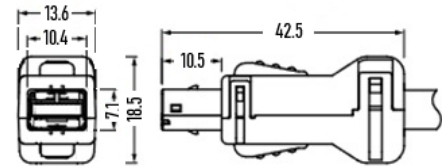
Front view

Lead-in Connector

Cable Specification

Construction	2 x 2 x 0.09 mm ² + 2 x 2 x 0.14 mm ²
Material	Polyurethane
Ø without armour	6.2 mm
Bend radius dynamic	≥ 60 mm
Bend radius static	≥ 24 mm
Ø with armour	10 mm
Bend radius dynamic	≥ 60 mm
Bend radius static	≥ 35 mm
Shield	Dual
Terminating connector	PANASONIC 10 way

Terminating Connector



Order Information

EC-(x)C-PN6	Where (x) = 1, 3, 6 or 9 meters with armour; (x) = 1, 3, 6, 7 or 9 meters, without armour. Indicate "-N" for no armour.
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Example

Order Code	Description
EC-3C-PN6	Encoder cable of 3 meters, cable type "C" specifications as above. Terminating connector PANASONIC 10 way, with armour.
EC-1C-PN6-N	Encoder cable of 1 meter, cable type "C" specifications as above. Terminating connector PANASONIC 10 way, without armour.