

Extension Cable. XC-C8-...G-TB



- Extension cable for absolute linear or angular encoders connected to Toshiba Machines.
- Extension cable XC-C8-G-TB connects:
 - encoder cables EC-...C9
 - angular encoder H2AD...D87...C9D
 - absolute linear exposed L2AD ... C9D
 - absolute angular rings UTD ... C9D
 to the drives in Toshiba Machines.
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20 & 25 meter lengths.
- Low power attenuation and supply voltage sense link.
- Dual shield for increased noise protection.

Pin Out

Pin Input	Colour	Signal	Pin Output
1	Blue	+5 V sense	12
4	Red	0 V sense	10
7	Brown	+5 V	4
8	Green	CLOCK	8
9	Yellow	/CLOCK	15
10	White	0 V	2
14	Grey	DATA	5
17	Pink	/DATA	13
11	Internal Shield	Ground	6 & Housing
Housing	Shield	Ground	6 & Housing

Pin Layout



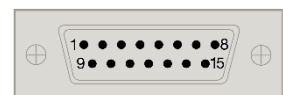
Front view

Cable Diagram



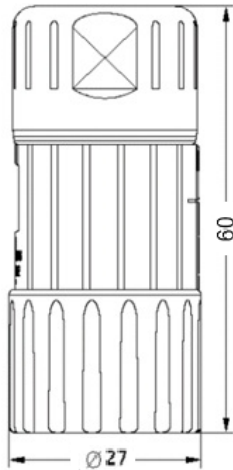
L = 5, 10, 15, 20, 25 meters

Pin Layout



Front view

Lead-in Connector



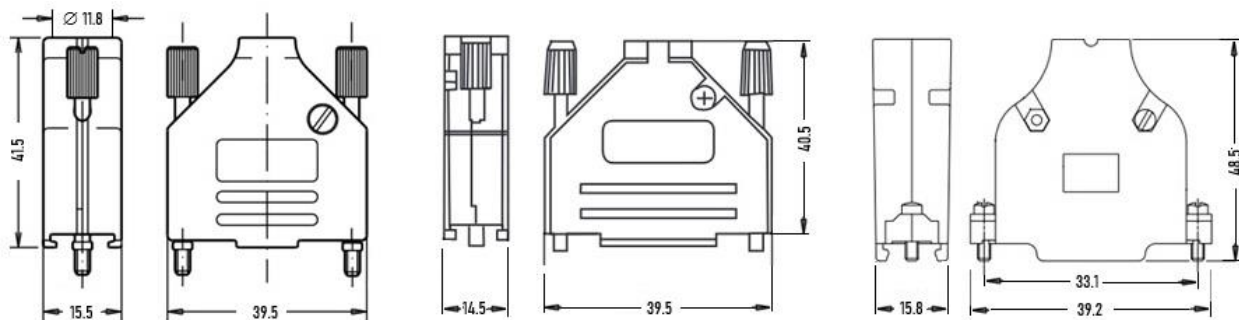
Cable Specification

Construction	3 x (2 x 0.14) mm ² + 2 x 1.0 mm ²
Material	Polyurethane
Ø	8 mm
Bend radius dynamic	≥ 80 mm
Bend radius static	≥ 50 mm
Shield	Dual
Lead-in connector (encoder side)	M23 17-pin female, external female, contact arrangement direction P
Terminating connector	D-Sub 15 pole male

Terminating Connector

Housing dimensions slightly differ for manufacturers

Terminating Connector



Order Information

XC-C8-(x)G-TB Where (x) = 5, 10, 15, 20 or 25 meters.

Example

Order Code	Description
XC-C8-10G-TB	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Terminating connector D-Sub 15 pole male for Toshiba Machines.