

DESCRIPTION

The **T-CABLE-3** is a Laboratory-quality shielded high speed **USB 2.0** extension cable approved for use with the full range of Telemakus **USB** products.

The **T-CABLE-3** is 3ft in length with type **A Male** and **Female** connectors allowing **USB** devices to be connected to a standard **PC**, **USB** port or **USB HUB**.

The **T-CABLE-3** uses an over-molded boot to provide greater support to the **USB** device. This improves the alignment between cable and device, providing a more reliable connection.

The high retention force allows cables to be attached without additional support preventing the cable becoming loose or breaking connection due to its own weight. This allows Telemakus **USB** devices to be attached wherever the user needs them.

If the application requires a greater distance between **PC** and the device, 2 or more cables can be connected together up to a total length of 15ft.



RF DESIGN SERVICES



T-CABLE-3

Rev A Mar2011

BENEFITS

Custom USB Cable

USB 2.0 Interface

Length 3ft



FEATURES

Cascadable up to 15ft

High retention force

Over-molded boot

Gold plated contacts



Phone: 916 458 6346
Fax: 916 983 8713
Email: mail@telemakus.com
www.telemakus.com

Primary Business Address
13405 Folsom Blvd #502
F O L S O M
C A , 9 5 6 3 0



T-CABLE-3 Rev A Mar2011

Ordering information

Model	Length (L)	P1 Connector	P2 Connector
T-CABLE-3	3 ft (nom)	A type Male	A type Female

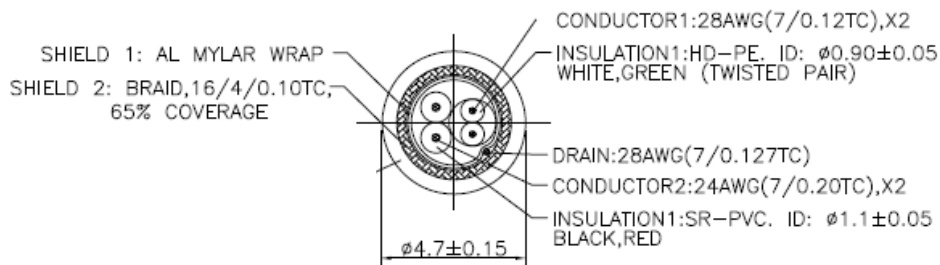
Specifications

Parameter	Specification
Length (L)	3 ft (nominal)
Diameter	4.7 mm
Shield 1	AL Mylar Wrap
Shield 2	Braid 16/4/0.10 TC 65% coverage
Data +/-	28 AWG X2 twisted Pair (90ohms +/-15%)
USB +5 Volt	24 AWG
USB Ground	24 AWG
Contacts	Gold Flash Plated

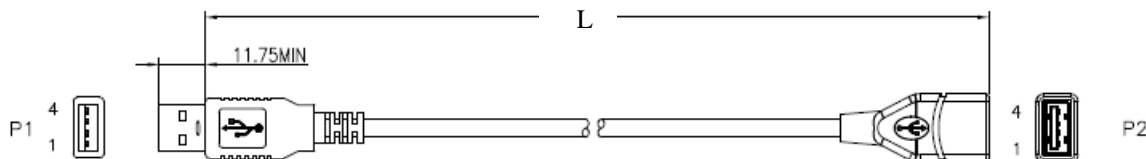
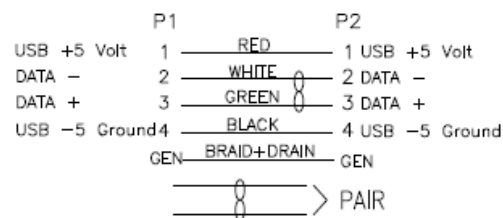


P1

P2



WIRING DIAGRAM



Outline Drawing (units mm)

Environmental

Temperature Range	-40 to +55 degC
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CA, 95630