

CBM10R2TS Cable Datasheet

Product Revision: Rev. A

Overview

The CBM10R2TS series of cables are general purpose RJ50 / 10P10C cables useful for data acquisition devices, test equipment, instrumentation, etc. They feature shielded, twisted pair wiring and are available in various stock lengths. A molded strain relief on each end protects the connector wiring from the twisting and strain of normal usage. A molded anti-snap boot protects the connector locking tab from snags and breakage.

**Specifications**

<i>Specification</i>	<i>CBM10R2TS</i>										
Wire Type	26AWG STP (Shielded Twisted Pair), Stranded, 5 Pairs, Cat5e-style twist rates*										
Wiring Scheme	1:1 (Pin1 to Pin 1, Pin 2 to Pin 2, etc)										
Twisted Pairs / Colors	<table><tr><td>Pin 1: White/Blue</td><td>Pin 10: Blue</td></tr><tr><td>Pin 2: White/Orange</td><td>Pin 3: Orange</td></tr><tr><td>Pin 4: White/Green</td><td>Pin 5: Green</td></tr><tr><td>Pin 6: White/Brown</td><td>Pin 7: Brown</td></tr><tr><td>Pin 8: White/Gray*</td><td>Pin 9: Gray*</td></tr></table> <p>* Gray may be substituted with Black</p>	Pin 1: White/Blue	Pin 10: Blue	Pin 2: White/Orange	Pin 3: Orange	Pin 4: White/Green	Pin 5: Green	Pin 6: White/Brown	Pin 7: Brown	Pin 8: White/Gray*	Pin 9: Gray*
Pin 1: White/Blue	Pin 10: Blue										
Pin 2: White/Orange	Pin 3: Orange										
Pin 4: White/Green	Pin 5: Green										
Pin 6: White/Brown	Pin 7: Brown										
Pin 8: White/Gray*	Pin 9: Gray*										
Wire Shield	Foil with drain wire										
Connector Type	10P10C modular shielded plug										
Cable Strain Relief	Molded, with anti-snap boot for connector tab										
Operating Temperature	0-75C										
Jacket Color	Standard: Gray With -BK- option: Black										

*Note: Strictly interpreted, the “Cat5e” designation applies to 24 AWG 4-pair cabling. This wire is made with the same type of construction and twist rates as Cat5e cabling, but with 26AWG 5-pair wire.

CBM10R2TS Stocked Part Numbers

Part numbers are of the form CBM10R2TS-xx, where xx represents the length of the cable in feet.

The following part numbers represent standard options and are stocked:

- | | | |
|------------------|----------------|-----------------|
| • CBM10R2TS-6 | • CBM10R2TS-20 | • CBM10R2TS-50 |
| • CBM10R2TS-BK-6 | • CBM10R2TS-25 | • CBM10R2TS-75 |
| • CBM10R2TS-10 | • CBM10R2TS-30 | • CBM10R2TS-100 |
| • CBM10R2TS-15 | • CBM10R2TS-40 | • CBM10R2TS-200 |

Length Tolerance

The length of each cable is measured from tip-to-tip of the extended cable's connectors. The allowable tolerance varies depending on the nominal length of the cable:

<i>Nominal Length (\leq feet)</i>	<i>Tolerance (\pm inch)</i>
0.5	0.75
3	1.5
6	2.5
50	3.5
100	6
≥ 100	12

Notices

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