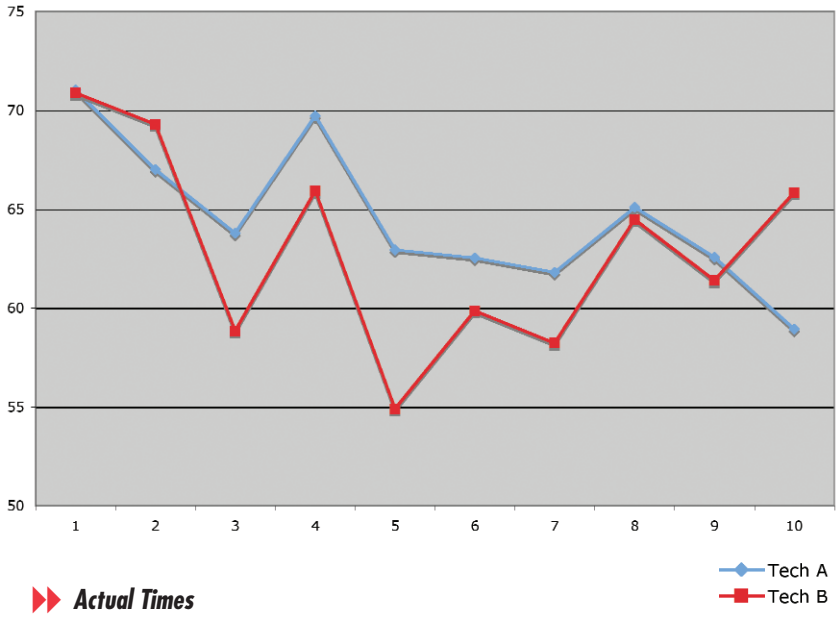
Siemon Z-MAX™ Termination Time Study

TECHNICAL BRIEF

Z-MAX 6A UTP Termination Times



54.9 seconds
Best Termination Time

63.8 seconds
Average of All Terminations Performed

71.0 seconds
Slowest Termination Time

Actual Times

Termination	Tech A	Tech B
1	71.03	70.89
2	67.01	69.29
3	63.78	58.84
4	69.72	65.92
5	62.93	54.89
6	62.53	59.85
7	61.81	58.22
8	65.09	64.48
9	62.56	61.39
10	58.94	65.84

Components and Tools used for Terminations:

Components Used:
- *Z-MAX 6A UTP Hybrid Flat/Angled Outlet - Part # Z6A-(XX)*
- *Siemon Category 6A UTP Cable - Part # 9C6R4-A5-06-R1A*

Tools Used:
- *Z-TOOL, Z-MAX Termination Tool - Part # Z-TOOL*
- *Siemon AllPrep Cable Preparation Tool - Part # CPT-RGTP*
- *Flush-cut diagonal pliers - Part # CI-CUTTER*

Z6A-(XX)

9C6R4-A5-06-R1A

Z-TOOL

CPT-RGTP

Study Overview:

This study was compiled to evaluate optimal termination times for Siemon's Z-MAX 6A UTP and shielded connectors under a given set of conditions. In the study, two Siemon technical services team members each completed 10 consecutive outlet terminations for both UTP and shielded configurations.

The technical service team members were chosen based on their experience level in the implementation of twisted pair copper cabling systems, which is roughly correlative to the average experience level of a trained structured cabling installer.

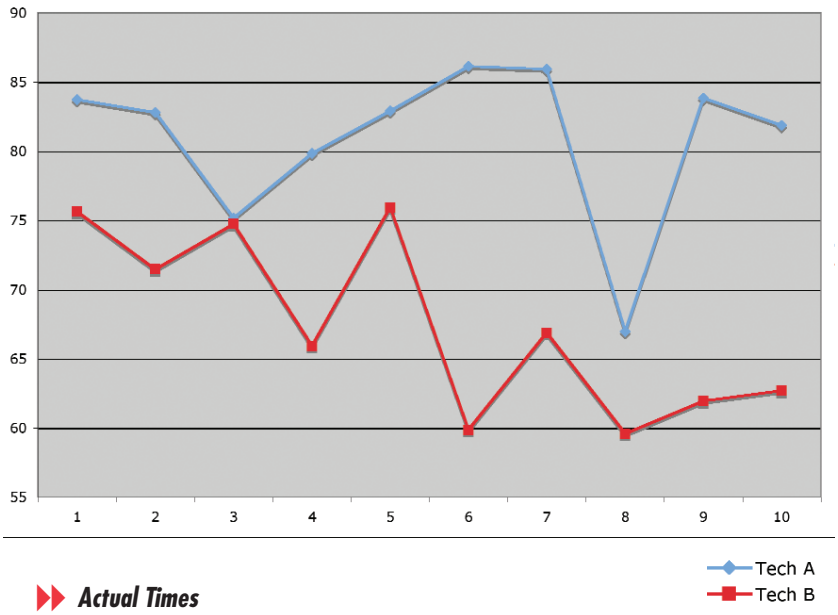
Performed in a workbench environment, each termination included all cable preparation steps and the actual termination process. The outlet and accessories were removed from their individual packaging and timing began when the subject touched the unprepared cable and ended when all termination steps were complete.

Conditions, environment and installer experience can vary significantly in any given installation and these factors can effect termination times. This study is intended to provide sample data for basic competitive comparison purposes.

Siemon Z-MAX™ Termination Time Study

TECHNICAL BRIEF

Z-MAX 6A Shielded Termination Times



59.6 seconds
Best Termination Time

74.2 seconds
Average of All Terminations Performed

86.1 seconds
Slowest Termination Time

Actual Times

Termination	Tech A	Tech B
1	83.72	75.64
2	82.81	71.46
3	75.16	74.73
4	79.84	65.92
5	82.91	75.93
6	86.13	59.87
7	85.94	66.87
8	66.97	59.59
9	83.84	61.94
10	81.87	62.69

Components and Tools used for Terminations:

Components Used:
- *Z-MAX 6A Shielded Hybrid Flat/Angled Outlet - Part # Z6A-S(XX)*
- *Siemon Category 6A F/UTP Cable - Part # 9A6R4-A5-06-R1A*

Tools Used:
- *Z-TOOL, Z-MAX Termination Tool - Part # Z-TOOL*
- *Siemon AllPrep Cable Preparation Tool - Part # CPT-RGTP*
- *Flush-cut diagonal pliers - Part # CI-CUTTER*

Z6A-S(XX)

9A6R4-A5-06-R1A

Z-TOOL

CPT-RGTP

Global Headquarters
Watertown, Connecticut USA
Tel: (1) 866-548-5814

For a complete listing of our global offices visit our web site

www.siemon.com