



MicroSystems

Your business is our business!

Professional Cabling Services

Downs MicroSystems has highly qualified engineers that are specially trained to not only test structured cabling systems, but interpret the test results for you.

We have on staff, the only Australian Communications and Media Authority (ACMA) Cabling Licence Assessor in the Darling Downs region, who is also a fully qualified technical trainer and is approved for the ACMA Cabler Auditing Program.

Copper based data cabling systems are also known as 'structured cabling systems'. They can be provided at several levels or categories from: Cat3, Cat4, Cat5, Cat5 enhanced, Cat6, Cat6 enhanced and Cat7. These categories all have international and national standards to which the cabling must comply under Australian law. These standards can only be checked by a specialised and compliant structured cable tester who can perform the many tests required to ensure compliance with the standards.

Downs MicroSystems offers a number of specialised structured cabling auditing services to provide our clients with the assurance and confidence that their cabling system can adequately support their data networking needs.

Our cabling services include:

- Test and Report
- Site Cabling Audit
- Premium Site Audit

Professional Cabling Services (cont.)

SERVICE	DESCRIPTION	PRICE
Test & Report	<ul style="list-style-type: none"> • Test all structure cabling links to customers required standards. • Provide test results for each cable link. • Provide a technical report with overview of test results. 	\$ 174.00 per hour (approx. 20 outlets per hour)
Site Cabling Audit	<ul style="list-style-type: none"> • Test all structure cabling links to customers required standards. • Inspect patch panel and outlet installation methods for compliance to standards. • Check compliance with safety requirements and standards. • Provide test results for each cable link. • Provide a technical report with overview of test results. 	\$ 174.00 per hour (approx. 15 outlets per hour)
Premium Site Audit	<ul style="list-style-type: none"> • Test all structure cabling links to customer's required standards. • Inspect patch panel and outlet installation methods for compliance to standards. • Check compliance with safety requirements and standards. • Check cable pathways for standards compliance • Provide test results for each cable link. • Provide photographic file of all issues. • Provide a technical report with overview of test results. 	\$ 174.00 per hour (approx. 5 outlets per hour)



CABLING PROVIDER RULES

The Telecommunications Cabling Provider Rules 2000 (CPRs) regulate the cabling industry and replaced the previous cabler licensing system with an industry-managed registration scheme. CPRs ensure that minimum cabling requirements are in place to promote safety and maintain network integrity. The major requirements of CPRs are that:

1. All customer cabling work in the telecommunications, fire security and data industries must be performed by a registered cabler.
2. Depending on the cabling work performed, cablers must obtain either an Open, Restricted or Lift registration that meets the ACMA's training competency requirements.
3. Cabling work must comply with the Wiring Rules. The Wiring Rules detail the minimum requirements for cabling installations to ensure that network integrity and the health and safety of end-users, other cablers and carrier personnel is protected.
4. A key requirement of the Wiring Rules is that telecommunications cabling is adequately separated or segregated from electrical cabling to avoid creating a dangerous situation.
5. Cablers are required to install only cabling product (including cable) and customer equipment that complies with the requirements of the Labelling Notice.
6. Cablers must, at the completion of each cabling task, provide the client (i.e. the customer or employer, whichever is appropriate) with a job sign-off form, such as a Telecommunications Cabling Advice 1 form (TCA1).
7. Registered cablers must directly supervise an unqualified cabler's cabling work. This is known as the Supervision Rule.
8. Under the Supervision Rule, a qualified cabler must accept full responsibility for the work done by an unqualified cabler and ensure that it fully complies with the Wiring Rules including signing the TCA1 form.
9. Cablers must provide all reasonable cooperation and assistance to ACMA inspectors and cabling auditors. Cablers can be subject to fines if they do not abide by their registration conditions.
10. Cablers are required to notify their registrar of any change of contact details within 21 days.

Further information: This is a brief overview of the CPRs and does not list all the obligations and responsibilities of cablers performing telecommunications cabling work. Cablers should make themselves familiar with the requirements of the Telecommunications Cabling Provider Rules 2000. Please note: This document is intended as a guide only. For this reason, the information should not be relied on as legal advice or regarded as a substitute for legal advice in individual cases.

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