



- S-Foil Shielding Eliminates Alien Crosstalk
- Uncompromised Support For 10G
- 25 Year System Warranty

**Product Description**

The Deca<sup>10</sup> copper solution is manufactured using S - FTP Cat6A cable and can be supplied in a variety of solutions including cable, connectors and patch panels or as HellermannTyton's world class RapidNet pre-terminated system which can reduce installation times by up to 85% compared to traditional shielded installations.

The Deca<sup>10</sup> S - foil cable provides individual pair screening whilst being quicker to strip and terminate than a standard 4 foiled pairs cable construction. With Deca<sup>10</sup> you can achieve a higher density of cabling compared to that of a Cat6A unshielded system.

**Features and Benefits**

- Exceeds ISO/EIA 11801:2002 amendment 1.1 and ANSI/TIA/EIA 568 - C.2 standards
- Manufactured to exacting ISO 9001 quality standards
- Uncompromised support for 10G
- S - Foil Shielding eliminates alien crosstalk
- Backward compatible with Cat6, Cat5E, Cat5 and voice system
- Available on 500m drums

Product Description	Ordering Code	UNS Number
Deca <sup>10</sup> - Cat6A Cable	CA159	851-05049

### Technical Description

The Deca<sup>10</sup> copper range has been independently certified by Delta test labs to meet or exceed all link and channel requirements of the TIA Cat6A standard, ISO/EIA 11801:2002 amendment 1.1 and ANSI/TIA/EIA 568 - C.2 standards. Delivering speeds up to 10<sup>10</sup> bits per second (10,000,000,000bps) and up to 500MHz in Cat6A copper. The greatest advantages will be seen where either fast or large scale data transfer rates are essential for the running of your business.

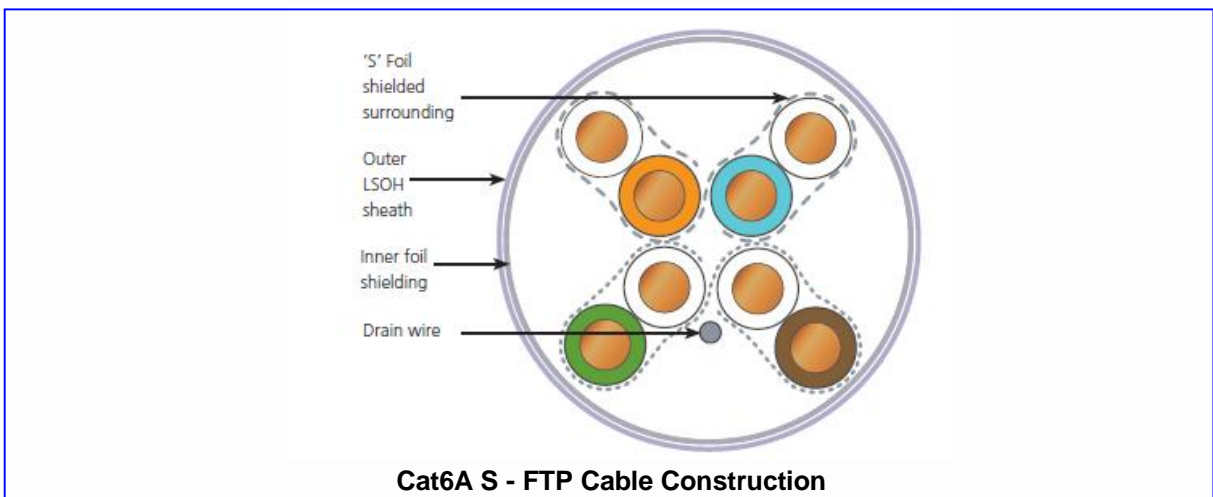
### Dimensions and Product Construction Specification

Ordering Code	Diameter	Bend Radius(Operation)	Bend Radius (Installation)	Weight
CA159	8mm	60mm	100mm	56 grams per metre

### Applications Supported

The Deca<sup>10</sup> Cat6A system is backward compatible with existing Cat6, Cat5E, Cat5, meaning that current hardware and extensions to existing cabling can continue to be utilised until it reaches its End of Service Life (ESOL).

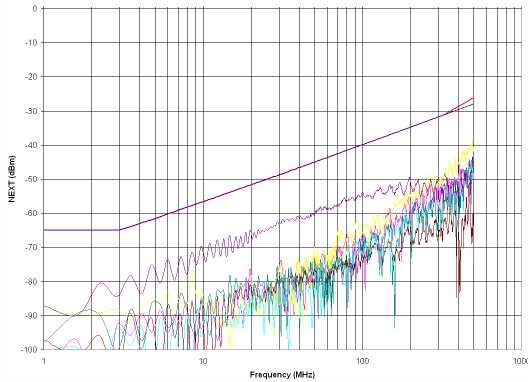
### Technical Drawing



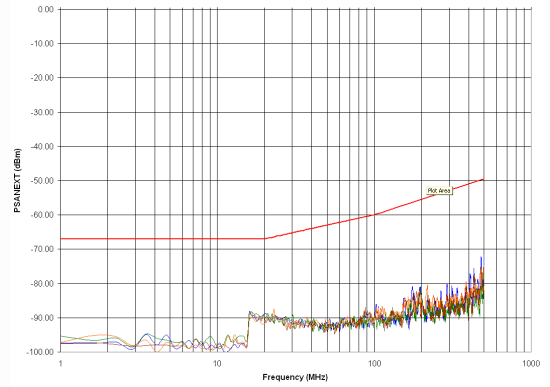
**Channel Test**

Tested from: 1 MHz  
 Tested to: 500 MHz  
 Standard: ISO/EIA 11801:2002 amendment 1.1 and ANSI/TIA/EIA 568 - C.2 standards  
 Limits: Cat6A - Cannel

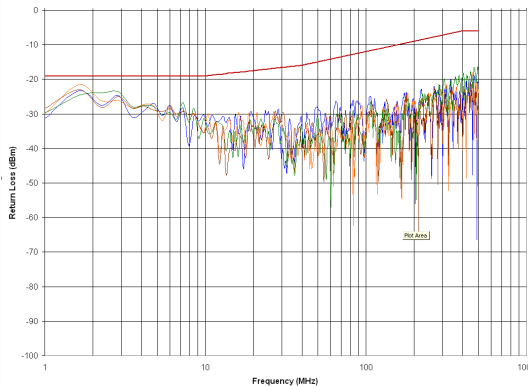
Pair to Pair NEXT - Forward Direction



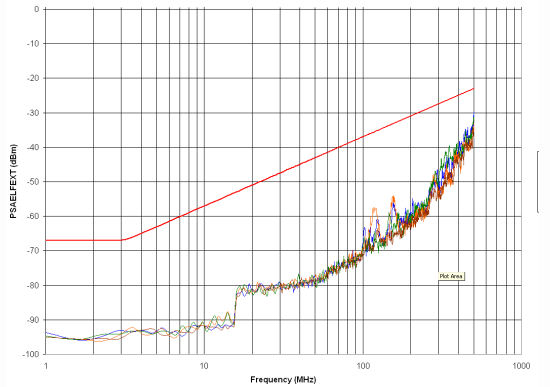
PSANEXT 96 Pair Combination



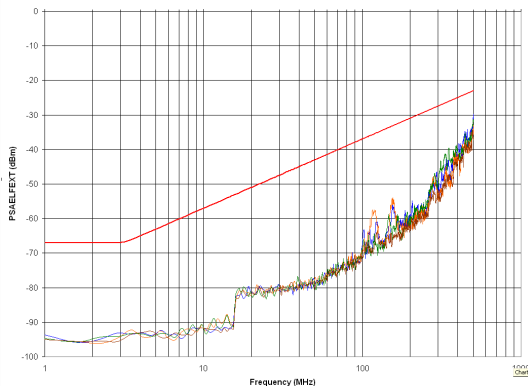
Return Loss for Each Pair - Forward Direction



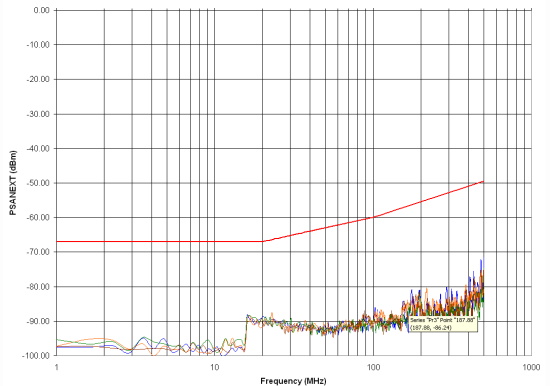
PSAELFEXT 96 Pair Combinations



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PSANEXT 96 Pair Combination



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