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**Energy
Networks
Association**

**ENA TS 43-126 Issue 2 2018
Revision Summary**

Fittings for overhead line optical cables

PURPOSE

TS 43-126 covers design and test requirements for fittings which are used for installation on overhead optical fibre cable systems (OPGW/OPPC/ADSS and Wrapped cable)

SCOPE

Specification of fittings for use with the following optical fibre cable systems

- Optical ground wire (OPGW)
- Optical phase conductor (OPPC)
- All-dielectric self supporting (ADSS)
- Wrapped cable

HISTORY

- TS 43-126 previously consisted of 4 separate parts covering each of the optical fibre systems (OPGW, OPPC, ADSS and Wrapped cable)
- Previous 4 Parts first published 2009, 2011, 2011 and 2012
- 2018 – the 4 Parts have been amalgamated and subject to a major revision, as detailed overleaf

Summary of Amendments

- Definitions clarified and consistency of terminology improved throughout document
- Reference to BS EN 60794 family of standards added throughout document
- Type tests clarified and relevant references added where appropriate
- Test acceptance criteria clarified throughout
- Type test schedules updated for all optical fibre systems
- New Annex B added to provide informative guidance on the specification of optical fibre cable systems

Nature of Revision

Major

Key Points

**Amalgamation of TS 43-126
Parts 1-4**

**Document amendments
reviewed by ENA CS5 Optical
Fibre Group**

Details of all amendments can be found in the accompanying 'Document Amendment Summary'

Who is affected and why?

- DNO overhead line design engineers & purchasing staff when specifying and procuring overhead line fittings for optical fibre cable systems

(To ensure they familiarise themselves with the design and test requirements for these fittings)

Impact Assessment of Changes to TS 43-126

	Rating	Assessment
Safety	Nil	
Environment	Nil	
Financial (costs/benefits)	Nil	
Asset Quality & Performance	Minor	Design and test requirements clarified and aligned with relevant national standards
Statutory/Regulatory	Nil	
Reputation	Nil	

Rating Categories
Nil
Negligible
Minor
Moderate
Major

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