



PUBLICLY AVAILABLE SPECIFICATION PRE-STANDARD

**Fibre optic connector optical interfaces –
Part 3-32: Optical interface – 8 degrees angled-PC end-face thermoset
rectangular ferrule, single mode fibres**

Withhold

CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references.....	5
3 Description	5
4 Optical interface parameters	6
4.1 End-face parameters related to attenuation.....	6
4.2 End-face parameters related to physical contact	11
Figure 1 – Fibre core lateral location	6
Figure 2 – Alignment pin	8
Figure 3 – End-face parameters related to attenuation.....	8
Figure 4 – End-face geometry parameters related to physical contact.....	11
Table 1 – Optical interface parameter values related to attenuation for 4,4 mm x 2,5 mm rectangular ferrules with two fibres fixed.....	9
Table 2 – Optical interface parameter values related to attenuation for 4,4 mm x 2,5 mm rectangular ferrules with four, eight, ten and twelve fibres fixed	9
Table 3 – Optical interface parameter values related to attenuation for 6,4 mm x 2,5 mm rectangular ferrules with two fibres fixed.....	10
Table 4 – Optical interface parameter values related to attenuation for 6,4 mm x 2,5 mm rectangular ferrules with four, eight, ten and twelve fibres fixed	10
Table 5 – End-face geometry parameters related to physical contact	12

INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC CONNECTOR OPTICAL INTERFACES –

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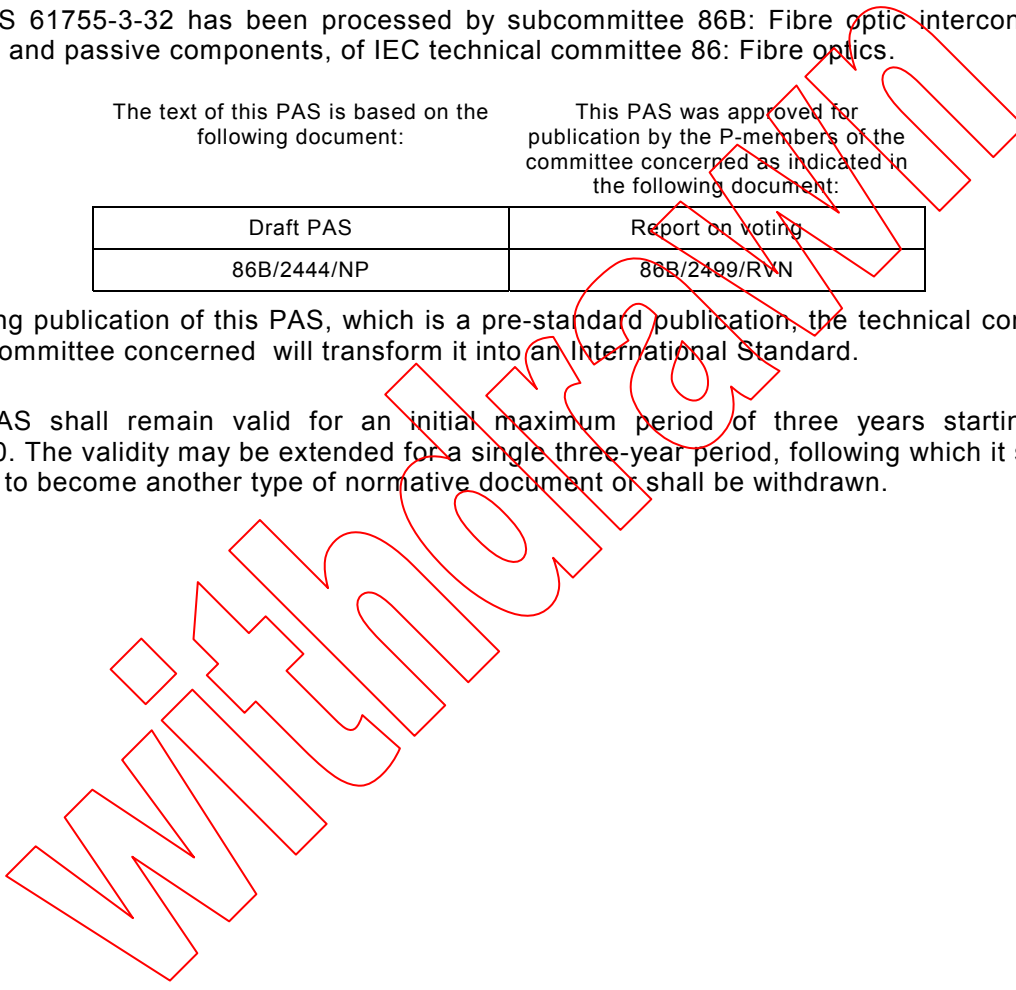
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1 Scope

This PAS defines certain dimensional limits that an angled PC end-face multi-fibre rectangular ferrule having two guide-holes for positioning two alignment pins and using a thermoset material with a Young's modulus of 20-25 GPa has to meet in order to comply with specific requirements for interconnections. Ferrules made from the material specified in this PAS are suitable for use in category C as defined in IEC 61753-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61753-1, *Fibre optic interconnecting devices and passive components performance standard – Part 1: General and guidance for performance standard*

IEC 61754-5, *Fibre optic connector interface – Part 5: Type MT connector family*

IEC 61754-7, *Fibre optic connector interfaces – Part 7: Type MPO connector family*

IEC 61754-10, *Fibre optic connector interfaces – Part 10: Type Mini-MPO connector family*

IEC 61754-18, *Fibre optic connector interfaces – Part 18: Type MT-RJ connector family*

IEC 61755-1, *Fibre optic connector optical interfaces – Part 1: Optical interfaces for single mode non-dispersion shifted fibre – General and guidance*