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Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-35: Examinations and measurements – Fibre optic connector endface visual and automated inspection

CORRIGENDUM 1

Table 6 – Visual requirements for PC polished connectors, multimode fibres

Replace the existing Table 6 with the following new Table 6.

Zone name	Scratches	Defects
A: core	No limit ≤ 3 µm 0 > 3 µm	4 ≤ 5 µm None > 5 µm
B: cladding	No limit ≤ 5 µm 0 > 5 µm	No limit < 2 µm 5 from 2 µm to 5 µm None > 5 µm
C: adhesive	No limit	No limit
D: contact	No limit	None ≥ 10 µm

NOTE 1 For scratches, the requirement refers to width.

NOTE 2 No visible subsurface cracks are allowed in the core or cladding zones.

NOTE 3 All loose particles should be removed. If defect(s) are non-removable, it should be within the criteria above to be acceptable for use.

NOTE 4 There are no requirements for the area outside the contact zone since defects in this area have no influence on the performance. Cleaning loose debris beyond this region is recommended good practice.

NOTE 5 The zone size for multimode fibres has been set at 65 µm to accommodate both 50 µm and 62,5 µm core size fibres. This is done to simplify the grading process.

NOTE 6 Structural features that are part of the functional design of the optical fiber, such as microstructures, are not considered defects.