

INDUSTRIAL COMMUNICATION NETWORKS – PROFILES

Part 5-3: Installation of fieldbuses – Installation profiles for CPF 3

CORRIGENDUM 1

Annex A CP 3/1 specific installation profile

A.4.3.2.4 Network characteristics for optical fibre cabling

In Table A.3, add the NA for Multimode silica, POF and Hard clad silica, so that it reads:

Optical fibre type	Description	
Multimode silica	Core diameter (µm)	50
	NA	0,20 ± 0,02
Multimode silica	Core diameter (µm)	62,5
	NA	0,275 ± 0,015
POF	NA	0,50 ± 0,03
Hard clad silica	NA	0,37 ± 0,04

A.4.4.1.2.2 Copper cables for non Ethernet based CPs

In Table A.4, instead of:

“DCR of conductors < 110 Ω/km”

Read:

Characteristic	CP 3/1 (PROFIBUS RS 485)	CP 3/1 (PROFIBUS RS 485-IS) <sup>a</sup>
DCR of conductors	< 55 Ω/km	

## Annex C CP 3/3, CP 3/4, CP 3/5, CP 3/6 (PROFINET) specific installation profile

### C.4.3.2.4 Network characteristics for optical fibre cabling

Delete, in Table C.3, the second NA for Multimode silica; and

Replace, in Table C.3, the referenced IEC standard and the NA for POF so that it reads:

CP 3/3, CP 3/4, CP 3/5 and CP3/6		
Optical fibre type	Description	
Multimode silica	Core diameter (µm)	50
	NA	0,20 ± 0,02
POF	Standard	IEC 60793-2-40 <sup>a</sup> ; Type A4a.2
	NA	0,5 ± 0,03

<sup>a</sup> Edition 3 in preparation.

### C.4.4.1.2.1 Balanced cables for Ethernet based CPs

In Table C.4, instead of:

“DCR of conductors ≤ 115 Ω/km”

Read:

Characteristics	CP 3/3, CP 3/4, CP 3/5 and CP 3/6 (PROFINET) Type A cable
DCR of conductors	< 62 Ω/km