

UKCA Certificate of Constancy of Performance

This is to certify that:

Apar Industries Ltd
Survey No : 6074, 2228, 1991,
6341/p1, 2219, 2221,
Khatalwada – Manekpur Road,
Vill: Khatalwada, Tal: Umbergaon, Valsad
Gujarat
396120
India

Holds Certificate Number:

0086 CPR 811803

In respect of:

BS EN 50575:2014+A1:2016

**Power, control and communication cables — Cables for general applications in construction works
subject to reaction to fire requirements**

In compliance with the Regulation (UK) Statutory Instrument 2019 No 465 of the United Kingdom Parliament (Construction Products (Amendment etc.) (EU Exit) Regulations or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZZ of the above standard(s) under system 1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product. This certificate was first issued on the date below and will remain valid as long as neither the designated standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Shahm Barhom, Group Product Certification Director

First Issued: 2024-10-03

Effective Date: 2024-10-03

Latest Issue: 2024-10-03



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Power, control and communication cables — Cables for general applications in construction works subject to reaction to fire requirements

Assessment of Apar Industries Ltd's cables under AVCP system 1+.

Manufacturer's name:	Apar Industries Ltd
Production site:	Survey No : 6074, 2228, 1991, 6341/p1, 2219, 2221, Khatalwada – Manekpur Road, Vill: Khatalwada, Tal: Umbergaon, Valsad Gujarat 396120 India
Cable type:	Optical fibre cables
Cables covered by certification:	2F to 144F
Overall diameter range:	8.9 mm ($\pm 5\%$) to 14.8 mm ($\pm 5\%$)
Class of reaction to fire:	Cca-s1a,d1,a2

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Cable construction:

- 2F, 4F, 6F, 12F (1 LSZH Sub Unit + 3 Dummy LSZH Filler + Central FRP Rod + Aramid Yarn + Water Blocking Tape +LSZH Jacket)
- 24F (2 LSZH SubUnit + 2Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape +LSZH Jacket)
- 36F (3 LSZH Sub Unit + 1Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape +LSZH Jacket)
- 48F (4 LSZH Sub Unit + 0 Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape + LSZH Jacket)
- 72F (6 LSZH Sub Unit + 0 Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape + LSZH Jacket)
- 96F (8 LSZH Sub Unit + 0 Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape + LSZH Jacket)
- 144F (12 LSZH Sub Unit + 0 Dummy LSZH Filler + Central FRP Rod + Aramid Yarn +Water Blocking Tape +LSZH Jacket)

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EXAP cable parameter range of tested cables, X:	11 – 60 Note: The specific EXAP method was used for optical fibre cables.
Cable part numbers:	TP No.: 24-25/OFC/DOM/222 TP No.: 24-25/OFC/DOM/223 TP No.: 24-25/OFC/DOM/224 TP No.: 24-25/OFC/DOM/225 TP No.: 24-25/OFC/DOM/226 TP No.: 24-25/OFC/DOM/227 TP No.: 24-25/OFC/DOM/228 TP No.: 24-25/OFC/DOM/229 TP No.: 24-25/OFC/DOM/230 TP No.: 24-25/OFC/DOM/231
Quality management system:	Integrated Management System AIL/QM/01, Rev. No.:06, Rev Date: 25/05/2024
Test report(s):	RTRCLTL10124000628F, dated 30/07/2024 RTRCLTL10124000613F, dated 25/07/2024 Safety margins were assessed as part of BSI review reference 30204858.

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