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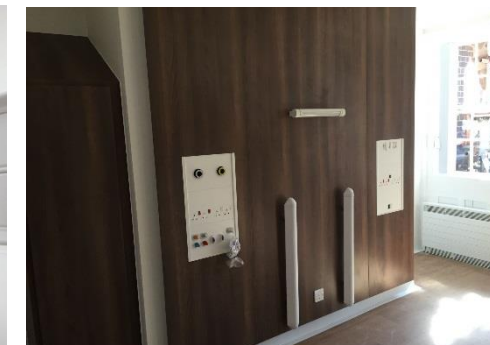
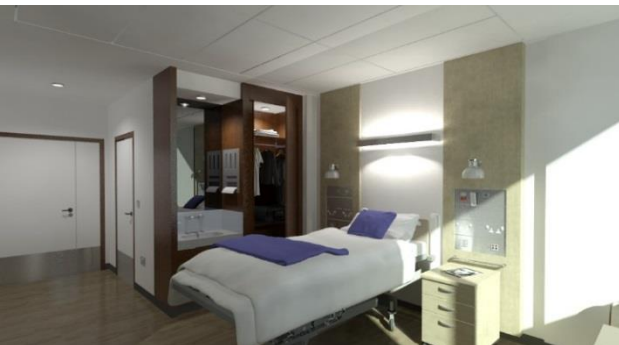
CABLEFLOWTM Medical Equipment Rail – BS ISO 19054



CABL  FLOWTM
H E A L T H C A R E

applications

CABLEFLOW™





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Innovation is at the heart of an evolutionary healthcare infrastructure. Challenging boundaries whilst being respectful of clinical skills are two valued philosophies which ensure knowledge led developments in bedroom architecture.

At CABLEFLOW we recognise the need to be different, to ensure product development offers practical and sustainable progression whilst always ensuring full compliance with Patient Safety Standards and improving the clinical environment.

We are proud of our British healthcare heritage which offers universal application around the world. Having been conferred a prestigious Queens Award for Innovation our client's take confidence in that unique recognition as a market leader.

As Britain's leading medical supply unit manufacturer our range of solutions meet a vast array of design concepts throughout all clinical environments whether primary or tertiary care areas, and every speciality in-between.

In 2005 our **integra** product range became the first and only bedhead trunking system to achieve Royal recognition with the conferment of a **Queens Award for Enterprise: Innovation** from Her Majesty Queen Elizabeth II.

Improving the clinical architecture, the patient experience and ensuring flexibility and adaptation in later use are hallmarks of our innovative integrated lighting solutions. At home in an acute hospital setting or more domestic environments such as Hospice's and the like our systems can be tailored to your requirements.



The **CABLEFLOW MEDICAL EQUIPMENT RAIL** provides the ideal universal rail mount system for the temporary mounting and support of any patientcare equipment required at different locations within a healthcare environment.

Our extruded aluminium medical equipment rail, has been specifically designed to provide a simple, functional and economic solution to the variable needs within the patient care environment.

Designed to comply with, and in many cases exceed the essential requirements of the International Standard ISO 19054 – *Rail systems for supporting medical equipment*, this product design offers both a general and heavy-duty rail from one solution.



WALL MOUNTED

The inclusion of medical equipment rail onto a linear extruded bedhead trunking should not be encouraged. Loading requirements for rail systems are greater than the ISO standards for trunking systems intended to support them.

In addition, trunking systems invariably have to be mounted higher than the maximum safe height for a medical rail (see HTM 08-03) and there if mounted thereon could present a residual risk to patient safety.

Medical equipment rail should not generally be mounted higher than 1000mm above floor level as recommended in HTM 08-03, and not lower the 400mm.

Where rail is mounted onto medical supply unit then appropriate support and securing fixings should be ensured that are satisfactory to support the intended rail load as declared by the rail manufacturer or, the medical supply unit manufacturer, whichever is the greater.

END CAPS

Proprietary end caps that neatly secure into the ends of the extrusion detail and which form an hermetic seal at each end of an installed rail are provided.

RAIL ACCESSORIES

The rail system is compatible with majority of commercially available rail mounting clamps can be attached to the **MEDICAL EQUIPMENT RAIL** without the use of tools. Please contact our sales team for further product information.

SAFETY

Our rail design also incorporates a position for the system to be earth-bonded in accordance with national wiring regulations, used where it is likely to be carrying mains operated equipment. Therefore, in the event of an electrical fault condition this rail system provides further safety bonding protection.

DESIGN

The **CABLEFLOW RAIL** is manufactured in an anodised silver (medium grey) finish and allows for simple cleaning whilst offering a neutral and aesthetically pleasing profile within the patient environment. This universally accepted finish is durable to the rigours of both general ward and intensive area usage alike and is corrosion resistant.

Fixings are concealed from view by a RAL 5012 polymer infill strip in RAL 5012 blue which push fits neatly into the body extrusion once fitted to provide a clean fascia finish.

EASE OF INSTALLATION

Rail can be supplied direct from our factory in bespoke lengths with pre-determined fixing centres, or alternatively is supplied as a complete kit which is ready for site drilling to suit unknown fixing positions and may be simply fitted by any competent technician.

The installer should carefully select the appropriate fixing to suit the surface onto which the rail is being mounted. Whilst the rail with satisfactorily withstand a direct load of 25kg, the fixing and support structure should be considered as the weaker point.

Any continuous length from 300mm up to 4000mm can be supplied although standard 'stock' lengths are supplied in 2000mm bars. A 'joining kit' is available to allow multiple lengths to be connected across longer expanses of wall.

By following our detailed Installation Instructions for this system, where required the rail can be easily cut on site with no detrimental effect to the surface finish, overall appearance or function of the product.

The design of the **CABLEFLOW RAIL**, ensures it can be fitted either horizontally or vertically dependent upon the clinical layout requirements. Fitted directly to the wall surface without the need for stand-off brackets or additional fixing components means cleaning the system is simple.

CE MARKING & STANDARDS COMPLIANCE

By specifying **CABLEFLOW RAIL™** you can be satisfied that the performance requirements of ISO 19054 (latest edition) have been satisfied in the design of this product.

The product is CE marked in accordance with the CE Marking Directive 93/68/EEC and is supplied with a declaration of Conformity to the Medical Devices Directive 93/42/EEC (as amended).



Technical Specifications	
Product name:	CABLEFLOW MEDICAL EQUIPMENT RAIL
International Standards:	ISO 19054
Material:	Extruded aluminium (AL MgS:0.5)
Surface Finish:	Electrolytically Anodised to AA25 BS EN 12373
Standard Length:	2000mm (variable lengths cut to order from 600mm – 4000mm)
Non-standard lengths:	These are available factory pre-cut to order up to a maximum length of 4000mm. It is also possible to pre-drill the rails for fixing holes within our factory to site dimensions if these are known. Please contact our sales office for further assistance.
Fixings:	Fixings are supplied by the installer to suit the surface into which the Rail is being installed.
End Caps:	Polymer injection moulded and supplied in pairs. End caps are universal and push-fit onto the ends of the rail, left or right hand and are secured by a single self tapping screw underneath the blue cover strip. Coloured in Pale Blue.
Installation Orientation	Universal orientation
Installation Instructions:	A comprehensive set of installation instructions are supplied with each order and this covers all aspects of installation including recommended fixing distances, cleaning agents, part numbers and fixing heights.
Clamps:	A range of medical equipment rail clamps is available to complement this system, with additional function specific accessories also on offer.

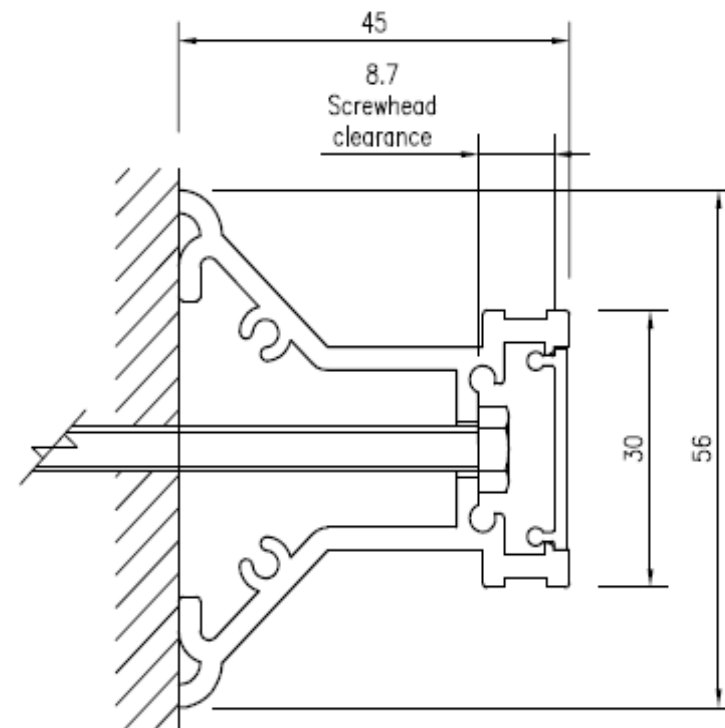
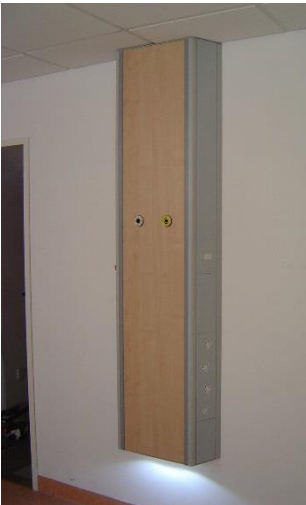
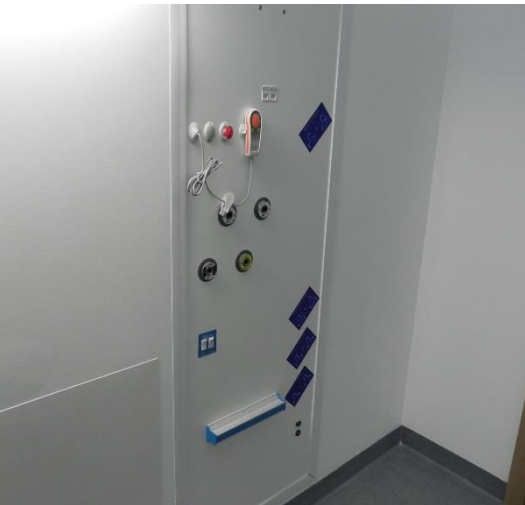
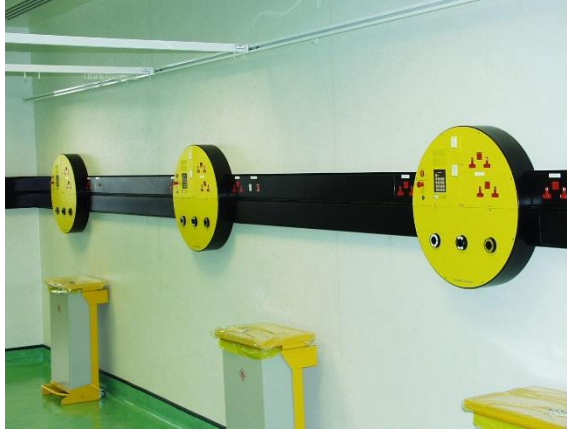


Fig. 4







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CABLE  **FLOW**™

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For full product data sheets go to our website or contact us directly

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