



Draka

BS6724 APPROVAL ARRIVES AT LU PLATFORMS

UNDERGROUND

Safire BS6724S

Safire BS6724S



FOR LONDON UNDERGROUND

THE CABLE WITH LONDON UNDERGROUND APPROVAL

694-LSH ENHANCED FIRE SAFETY ENERGY CABLE

You know that working in a tough environment demands fitting tough cables and when lives are at stake, as well as your reputation, you need to insist on cable approved to the highest standards.

The safety requirements for section 12 (underground) areas of The London Underground are, understandably onerous and over the last 15 years, Draka, a world leader in the manufacture of premium quality specialist cable, have worked extremely hard to develop products that satisfy and in most cases exceed these requirements.

LU 1-085 is the current document which details requirements for fire safety of materials. This standard has evolved over time and includes some of the most rigorous fire and safety tests the industry has seen. Draka's on-going commitment to producing the best and safest cables on the market, has seen significant development expense and effort put into this area and now, proudly showcase an impressive range of products approved for use in The London Underground.

This comprehensive range (tabled below) now includes what is CURRENTLY THE ONLY BS6724 cable approved by London Underground. Significant compound and material research and development has led to a final product which complies in all respects with LU's 1-085 fire safety of materials standard and is also BASEC approved to BS6724, this now complements the already impressive Draka range of LU approved products as tabled below:-

Draka Cable	Application	LU approved
FT Sifer	Single core wiring applications	✓
FT30	Standard alarm/E lighting applications	✓
FT120	Enhanced alarm/E lighting applications	✓
FTP120	Enhanced Power applications	✓
FTDATA	Fire performance Cat 5e cable	✓
FTCOAX	Fire performance co-axial cable	✓
Saffire SWA	Halogen Free Armoured power cables	✓
Draka MV	Halogen Free MV power cables	✓

Talk to your stockist about the whole range of world beating cables from Draka. You'll see there's one to suit every environment and application. Don't take chances, insist on the best, insist on cable approved by LU, insist on Draka, where quality, safety and peace of mind come as standard.

STANDARD: BS 6724

VOLTAGE RATING: 600/1000V

APPLICATION:

Industrial wiring and mains distribution, where smoke and acid gas emission would pose a major hazard in the event of fire. Can be laid direct in the ground, or in ducts, clipped to surface, on trays or in free air. May be embedded in concrete.

CONSTRUCTION:

Single, Two, Three, Four and Five core cables. Stranded plain copper conductors, XLPE insulated, cores laid up, extruded Zero Halogen, Low Smoke (OHLS®) bedding, galvanised steel wire armoured (Aluminium wires for single cores) and Zero Halogen, Low Smoke (OHLS®) sheathed.

CORE COLOURS:

Single core: Brown or Blue. Two core: Brown and Blue. Three core: Brown, Black and Grey. Four core: Brown, Black, Grey and Blue. Five core: Brown, Black, Grey, Green/Yellow and Blue.

SHEATH COLOURS: Black. Other colours available to order.

BASEC: Certified

MINIMUM BENDING RADIUS: 6D circular conductors. 8D shaped conductors.

MAXIMUM CONDUCTOR TEMPERATURE: 90°C.

Note: Where a conductor operates at a temperature exceeding 70°C it shall be ascertained that the equipment connected to the conductor is suitable for the conductor operating temperature (see regulation 512-1-2 of BS7671, the 17th Edition of IEE Wiring Regulations).

CURRENT RATING: Refer to table 4E4A or 4E4B of BS7671, ERA69-30 Pt. V or on pages 103-104 and 106-107.

FIRE PERFORMANCE CHARACTERISTICS:

Smoke emission: BSEN 61034
Acid gas emission: IEC 60754-1, BS EN 50267
Flame propagation: BS EN 60332-3 categories A and C



Draka UK Limited, P.O. Box 6500, Alfreton Road, Derby, DE21 4ZH, UK.
Tel: +44 (0)1332 345431 Fax: +44 (0)1332 331237 email: cableuk@draka.com www.drakauk.com