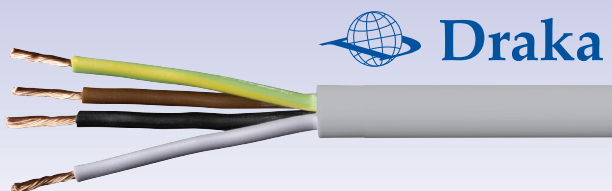


SAFFIRE SWIFTFIT

**THE ONLY BASEC APPROVED CABLE
THAT GOES FLAT OUT
FOR QUICK FIT PERFORMANCE**



THE SWIF SAVE TIME, SAVE HA

Draka's innovative and popular cost-cutting fixed installation cable Saffire YY OHLS has been re-named as Saffire Swiftfit.

Saffire Swiftfit is an OHLS - zero halogen, low smoke - flexible cable and is renowned for the ease and speed in which it can be laid straight into a cable tray, where it will stay flat, reducing the need for expensive and time-consuming fixings. Why use cables that retain "drum-memory", which causes it to splay out of the tray, unless "dressed" and cable-tied every metre or so?



BASEC APPROVED

Saffire Swiftfit is currently the only BASEC approved product of its type to be found anywhere in the UK. As you would expect from Draka there are no concerns over quality, or challenges relating to earth loop impedance or current carrying capacity, see questions below. Saffire Swiftfit has increased copper content and can take as little as a fifth of the time to install saving time, hassle and money without compromising on the quality you expect from the worlds most trusted cable brand.



HOW IS A "FLEX" DIFFERENT TO SAFFIRE® SWIFT FIT?

Stranded flexible conductors (class 5) are allowed within the standards, to have a higher conductor resistance (CR) than the equivalent solid or stranded rigid conductors. This equates to between 7 and 10% difference in Conductor resistance. This could negatively affect the current rating, by as much as 4%. Draka have matched the conductor resistance of the flexible conductor in the SAFFIRE® SWIFT FIT product to meet class 2 (stranded rigid) requirements.

IF I INSTALL THESE CABLES, AM I COMPLYING WITH THE WIRING REGULATIONS?

Yes, with attention to certain clauses within the 17th edition. These clauses are 120.3, 120.4, 133.1 and 511. Clauses 133.1 and 511 refer to compliance with standards, and there is a statement that everything

should comply to a British or Harmonised standard. There is a rider to this that where "equipment is not covered by a British or harmonised standard, or is used outside the scope of its standard, the designer or person responsible for specifying the installation shall confirm that the equipment provides the same degree of safety as that afforded by compliance with the regulations". Work is being undertaken to provide a standard to produce this cable against, in the meantime, Draka have a "Certificate of Assessed Design" from BASEC, to substantiate the safety of the cable.

WITH RESPECT TO THE WIRING REGULATIONS, WHICH TABLES DO I USE FOR CURRENT RATINGS?

As stated before, flexible cords and control flex cables have class 5 conductors, with less copper than the equivalent installation cable of the same conductor size. This has a negative effect on the current rating, as more heat is generated in a class 5 than a class 2 with the same current loading (due to higher resistance of class 5). By increasing the copper level of its flexible conductors in line with class 1 and 2 conductor resistance, Saffire Swiftfit can be rated using table 4D2A from the 17th edition wiring regulations.



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Ref.	Nominal Area of Conductors	Part Number	Class of Conductor	Maximum Conductor Resistance	Insulation Thickness	Sheath Thickness	Nominal Cable Diameter	Approx. Nett Weight
	mm ²			Ω/km @ 20°C	mm	mm	mm	kg/km
3 Core	1.5	YYOHS3G1.5GY	5	12.1	0.7	0.9	8.4	115
	2.5	YYOHS3G2.5GY	5	7.41	0.8	1.1	10.1	170
	4.0	YYOHS3G4.0GY	5	4.61	0.8	1.2	11.4	255
4 Core	6.0	YYOHS3G6.0GY	5	3.08	0.8	1.3	12.8	340
	1.5	YYOHS4G1.5GY	5	12.1	0.7	1.0	9.4	145
	2.5	YYOHS4G2.5GY	5	7.41	0.8	1.1	11.0	210
4 Core	4.0	YYOHS4G4.0GY	5	4.61	0.8	1.2	12.5	310
	6.0	YYOHS4G6.0GY	5	3.08	0.8	1.3	14.1	425
	1.5	YYOHS5G1.5GY	5	12.1	0.7	1.1	10.4	180
5 Core	2.5	YYOHS5G2.5GY	5	7.41	0.8	1.2	12.1	255
	4.0	YYOHS5G4.0GY	5	4.61	0.8	1.4	14.1	400
	6.0	YYOHS5G6.0GY	5	3.08	0.8	1.6	16.0	545
7 Core	1.5	YYOHS7G1.5GY	5	12.1	0.7	1.2	11.5	229
12 core	1.5	YYOHS12G1.5GY	5	12.1	0.7	1.5	15.6	385



A FEW SWIFT COMMENTS

“ Swiftfit cable undoubtedly saves time and money ”

“ An easy to install solution for a time-consuming problem ”

“ Quick to install, halogen free and low smoke ”

“ The only BASEC approved cable of its type ”

Talk to your stockist about the whole range of world beating cables from Draka. Don't take chances, insist on the best, insist on cable with BASEC approval from Draka, where quality, safety and peace of mind come as standard.

