

DATA SHEET

BS8436 WIRING CABLE

Max conductor temperature	-25°C/+70°C
Voltage Rating U0/U	300/500 V
CPR class:	Dca

APPLICATION

Flexishield is a multicore screened small power cable, Xlpe insulated Halogen free low smoke sheathed cable for use in walls, partitions and building voids basket and tray.

CONSTRUCTION

Conductors all 7 Strand class 2 PSC,	1.5mm 7/0.53, 2.5mm 7/0.67, 4.0mm 7/0.85, 6.0mm 7/1.04, 10mm 7/1.35
Drainwire	7 strand tinned copper (Full-sized acc. to conductors)
Insulation of conductors	XLPE
Screening	Heavy duty aluminium foil
Color/Marking	(2 core) Brown-Blue, (3 core) Brown-Grey-Black, (4 core), Brown-Blue-Grey-Black
Screening	Heavy duty aluminium foil
Outer sheath	LSHF
Marking	ex. FLEXISHIELD BASEC BS8436 XLPE 1.5mm 2c+E ELECTRIC CABLE 300/500V 2022 H

*manufactured and tested to IS273. Special core and sheath colours upon request.

PART NUMBER	TYPE CODE PRODUCT	CROSS-SECTION CLASS 2	INSULATION THICKNESS	CORE DIAMETER NOM	OUTER SHEATH THICKNESS	OUTER DIAMETER NOM.
		[MM ²]	[MM]	[MM]	[MM]	[MM]
FS152-001-100-DD001	FlexiShield 1.5mm 2c+E	1.5	0.7	2.90	0.9	7.80
FS153-001-100-DD001	FlexiShield 1.5mm 3c+E	1.5	0.7	2.90	0.9	8.60
FS154-001-100-DD001	FlexiShield 1.5mm 4c+E	1.5	0.7	2.90	1.0	9.70
FS252-001-100-DD001	FlexiShield 2.5mm 2c+E	2.5	0.7	3.35	1.0	8.65
FS253-001-100-DD001	FlexiShield 2.5mm 3c+E	2.5	0.7	3.35	1.0	10.05
FS254-001-100-DD002	FlexiShield 2.5mm 4c+E	2.5	0.7	3.35	1.1	10.80
FS402-001-100-DD001	FlexiShield 4.0mm 2c+E	4.0	0.7	3.95	1.1	10.10
FS403-001-100-DD002	FlexiShield 4.0mm 3c+E	4.0	0.7	3.95	1.1	11.30
FS404-001-100-DD003	FlexiShield 4.0mm 4c+E	4.0	0.7	3.95	1.2	12.80
FS602-001-100-DD002	FlexiShield 6.0mm 2c+E*	6.0	1.0	5.05	1.0	12.50
FS603-001-100-DD003	FlexiShield 6.0mm 3c+E*	6.0	1.0	5.05	1.1	13.70
FS604-001-100-DD003	FlexiShield 6.0mm 4c+E*	6.0	1.0	5.05	1.2	16.50
FS1002-001-100-DD003	FlexiShield 10.0mm 2c+E*	10.0	1.0	6.10	1.2	16.60

Part number Detail: FS152-001-100-DD001 conductor size 1.5mm, 2 number of insulated cores + bare Earth
 Sheath Colour 001 White, 002 Black
 100 drum size in meters also available in 200, 250 500 1000
 DD001 internal drum size