

FlexiShield



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.

BS8436 Wiring cable

Max conductor temperature: -25°C/+70°C
Voltage Rating U_0/U : 300/500 V
CPR class: Dca

Standards

Conductor: IEC 60228,1
Construction: BS8436 2011
Flame retardant: IEC 60332-1-2
Smoke Emissions: BE EN 61034-2
Acid gas emissions: BS EN 50267-2-1
IEE Wiring Regulations: BS7671 table 4D2A

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 [mm²]	Insulation thickness [mm]	Core diameter nom [mm]	Outer sheath thickness [kg/km]	Outer diameter nom. [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

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