Tel: 01753 687718 sales@specialistcable.co.uk www.specialistcable.co.uk

Alarm Cable BS4737

Application

Professional grade Pure copper conductor alarm cable.
BS4737 3.30.2015 Type 2 or Type 1 (LSOH only)

LSF Sheath to – IEC60332-1

LSOH Sheath to – IEC60332-1 IEC60754 IEC61034

CPR Rating Eca *PE Fca

Construction

Conductor Material	Pure Copper 7/0.19
Insulation Material	PVC 0.21mm – LSOH on Type 1
Core Identification	See chart
Screen	Screened versions Alu Foil + 7/0.19 Drain wire
Jacket	See chart – PVC, LSF, LSOH, PE available
Jacket colour	See below

Characteristics

Max Operating Voltage rating	50V RMS
Conductor DC Resistance	93.8 Ohm / km
Insulation Resistance	>200 (M ohm / km)
Sheath Voltage	600 V

Unit 5, Wycombe Logistics Centre, Lincoln Road, Cressex Business Park, High Wycombe. HP12 3RB.

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Cores	Part No	Sheath	Overall Diameter	Weight kg/km
4 Core PVC	SC4	White	03.40mm	18
4 Core PVC	SC4B	Brown	03.40mm	18
4 Core LSF	SC4LSF	White	03.40mm	18
4 Core Screened LSF	SC4SCRLSF	White	03.90mm	24
6 Core PVC	SC6	White	04.00mm	25
6 Core PVC	SC6B	Brown	04.00mm	25
6 Core LSF	SC6LSF	White	04.00mm	25
6 Core Screened LSF	SC6SCRLSF	White	04.40mm	28
6 Core External UV PE	SC6SCRPE	Black	04.40mm	28
6 Core Direct Burial	7-2-6SDB	Black	07.30mm	65
8 Core PVC	SC8	White	04.20mm	30
8 Core PVC	SC8B	Brown	04.20mm	30
8 Core LSF	SC8LSF	White	04.20mm	30
8 Core LSZH Type 1	SC8LSZH/LSZH	White LSZH	04.20mm	30
8 Core External UV PE	SC8PE	Black	04.20mm	30
8 Core Screened LSF	SC8SCRLSF	White	04.60mm	34
8 Core Screened LSZH Type 1	SC8SCRLSZH/LSZH	White LSZH	04.60mm	34
8 Core LSZH / SWA / PE	SC8SCRSWA	Black	010.30mm	190
12 Core PVC	SC12	White	05.40mm	48
12 Core LSF	SC12LSF	White	05.40mm	48
12 Core LSZH Type 1	SC12LSZH/LSZH	White LSZH	05.40mm	48
12 Core Screened LSF	SC12SCRLSF	White	06.00mm	56
12 Core External UV PE	SC12SCRPE	Black	06.00mm	56
12 Core Direct Burial	7-2-12SDB	Black	08.00mm	79
20 Core PVC	SC20	White	07.30mm	60

Colour Code

Core 1	Red	Core 11	Violet
Core 2	Blue	Core 12	Light Green
Core 3	Yellow	Core 13	Blue/White
Core 4	Black	Core 14	Blue/Red
Core 5	White	Core 15	Blue/Orange
Core 6	Green	Core 16	Blue/Green
Core 7	Orange	Core 17	Blue/Yellow
Core 8	Brown	Core 18	Blue/Grey
Core 9	Grey	Core 19	Green/Yellow
Core 10	Pink	Core 20	Green/White

Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted.

I.Loades Director

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