



Alarm Cable

Product Type:

BS4737-3.30: 2015 Type 3 Alarm Cable

Application:

A general purpose of Signal and Alarm cable. The cable is ideal for use in alarm installations or where low voltages are used.

Construction:

Conductor:	Stranded tinned copper clad aluminium
Conductor Size	Nominal 7/0.2mm
Insulation:	PVC
Overlap:	PET
Drain Wire	7/0.2mm Stranded tinned copper clad aluminium
Covering	Al foil
Rip cord:	Yellow
Jacket:	PVC
Colour:	4 Core : Red, Blue, Yellow, Black 6 Core : Green, White, Red, Blue, Yellow, Black 8 Core : Brown, Green, White, Red, Blue, Yellow, Black, Orange 12 Core : Green, Yellow, White, Black, Blue, Red, Orange, Brown, Grey, Pink, Violet, Turquoise.

Cable Dimensions:

	4 core	6 core	8 core	12 core
Nominal conductor	7/0.2mm	7/0.2mm	7/0.2mm	7/0.2mm
Insulation				
Min radial thickness(mm)	0.15	0.15	0.15	0.15
Concentricity (%)	≥80	≥80	≥80	≥80
Diameter - min	1.0± 0.1	1.0± 0.1	1.0± 0.1	1.0± 0.1
Lay length	<150D	<150D	<150D	<150D
Sheath				
Min radial thickness(mm)	0.4	0.4	0.4	0.4
Concentricity (%)	≥80	≥80	≥80	≥80
Diameter (mm)	3.5± 0.2	4.0± 0.2	4.2± 0.2	5.4± 0.2

Electrical Characteristics:

Conductor resistance	≤155Ω/km @ 20°C
Core spark test voltage	3000V a.c
Insulation resistance	≥500 MΩ.km
Voltage test	500 V a.c. RMS, or direct current, between each insulated conductor, for 1 min
Rated Temperature:	70°C

Other Standard:

RoHS Compliant

Reaction to Fire Classification of CPR : Eca