

Technical Document  
Alarm Cable 12core Screened  
External Grade PE Black Type 2

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Part Number: 255112F-PE-BLK

Description: Alarm Cable 12core 0.22mm<sup>2</sup>  
Screened External Grade PE Black



**Product Construction**

Conductor Material	:	Tinned Copper
Conductor Stranding	:	Stranded, 24(7)awg, 0.22mm <sup>2</sup>
Insulation Material	:	Polyvinyl Chloride (PVC)
Number of Cores	:	12
Core Colours	:	Red, Blue, Yellow, Black, White, Green Orange, Brown, Grey, Pink, Violet, Turquoise
Drain Wire	:	Stranded, 24(7)awg
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Sheath Material	:	Polyethylene (PE)
Sheath Colour	:	Black



**Mechanical Characteristics**

Overall Diameter	:	4.6mm ± 0.2mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	50 kg/km

**Electrical Characteristics**

Inner Conductor DC Resistance	:	≤ 100 Ω/km
Voltage Rating	:	30V

**Certifications & Standards**

Manufactured in Accordance to	:	BS 4737 Type 2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Fca to EN 50575:2014+A1:2016

Publication Date: 29/06/2023

Revision Number: 2.0

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