

SmartAlert Alarm Cable

0.22mm² Multicore, Unshielded, LSZH Sheath



Applications

Designed for inter-connecting sensors and control panels, alarm cables are widely used within the security industry. This cable provides a reliable and economical solution for standard security and fire alarm installations in low-interference environments.

Construction

Conductor Material	Stranded tinned copper			
Insulation Material	Low smoke zero halogen (LSZH)			
Core Identification	1	Red	7	Orange
	2	Blue	8	Brown
	3	Yellow	9	Grey
	4	Black	10	Pink
	5	White	11	Violet
	6	Green	12	Turquoise
Sheath Material	Low smoke zero halogen (LSZH)			
Sheath Color	White			

Dimensions

Conductor Diameter	0.22mm ² (7/0.2)
Insulation Diameter	1.05 mm Nom.
Overall Diameter	3.90 mm Nom. (4 Cores)
	4.60 mm Nom. (6 Cores)
	4.90 mm Nom. (8 Cores)
	6.40 mm Nom. (12 Cores)

Physical Characteristics

Bend Radius	Flexing 20 x OD Static 15 x OD
Temperature Rating	Flexing -10°C to +40°C Static -30°C to +70°C

Electrical Characteristics

Conductor DCR	100 Ω/KM Max. @20°C
Insulation Resistance	> 1 MΩ.KM
Voltage Rating	30V
Test Voltage	2 kV for 5 Minutes

Standards

RoHS Compliant	Yes
Reach Compliant	Yes
CE Compliant	Yes
Design Reference	BS4737Type1
UV Resistance	ISO 4892-2, method A
Flame Retardant	IEC 60332-1-2 UL 1581 VW-1
Halogen & Corrosive Gas	IEC 60754-1/2
Smoke density	IEC 61034-2
CPR Classification	Eca EN 50575:2014+A1:2016