



## Features

- EC Verified
- Choice of Colour
- Choice of reel size
- Fast feed box
- Sequential metre markings
- Euroclass B2ca-s1a-d1-a1

## Product Overview

Excel Category 6 Screened cables are manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/ IEC 11801 Category 6 specifications. Each cable consists of 8 colour coded polyethylene insulated conductors. These are twisted together to form 4 pairs with varying lay lengths. These pairs are then formed around a central 'X' shaped polyethylene filler, which assists in maintaining and enhancing the cable performance.

Features	
1: Category	6
2: Total number of cores	8
3: Stranding element	Pairs
4: Outer sheath material	LSOH (Copolymer, thermoplastic)
5: Low smoke (acc. EN 61034-2)	yes
6: Halogen free (acc. EN 60754-1/2)	yes
7: Reaction-to-fire class according to EN 13501-6	B2ca
8: Smoke development class according to EN 13501-6	s1a
9: Euro class flaming droplets/particles according to EN 13501-6	d1 (no flaming droplets/particles persisting > 10 s)
10: Euro class acidity according to EN 13501-6	a1
11: Overall screening	Foil
12: Conductor screening	None
13: Outer sheath colour	Purple/violet
14: Conductor category	Class 1 = solid
15: AWG-size	23

## Features

16: Number of strands	1
17: Conductor material	Cu, bare
18: Core insulation	PE
19: Core identification	Colour
20: Flame retardant	In accordance with EN 60332-1-2 and EN 50399
21: Outer diameter approx.	7.6 mm
22: NVP value	72 %
23: Operating Temperature Range	-10...60 °C
24: Installation Temperature Range	0...50 °C