Excel CW1308 4 Pair Internal Telephone Cable LSF 100 m Reel Black

Item Code: TC004P1B

- X Choice of reel sizes
- X Choice of colours
- X LSF outer sheath
- X 0.5mm conductor size
- X 25 Year system warranty

Product Overview

Excel multipair internal telephone cables are manufactured in accordance with BT type CW1308. These cores are twisted into pairs and the required number are sheathed together to form the cable. These cores are twisted into pairs and the required number are sheathed together to form the cable. For 32 pair and above cables, groups of pairs, are bundled together for ease of identification.

The print legend on the cable now includes information regarding the DOP number, Test and Classification of the cable for traceability.

Product Specifications

Feature	Values
Diameter of conductor	0.5 mm
Conductor category	Class 1 = solid
Total number of cores	8
Stranding element	Pairs
Core insulation	Polyvinyl chloride (PVC)
Core identification	Colour + rings
Overall screening	None
Pair grouping identification	Bundles and layers
Conductor screening	None
Protective sheath	None
Outer sheath material	Polyvinyl chloride (PVC)
Outer sheath colour	White

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Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	4.85 mm
Category	Voice

Additional specifications

Features	Values
Conductor Diameter	0.50 mm Nominal
Insulation (up to 25 Pairs)	0.85 +/- 0.005 mm
Insulation (50-100 Pairs)	1.2 +/- 0.005 mm
Insulation (200 Pairs)	2.0 +/- 0.005 mm
Elongation	18 to 24 %.
Spark Test	4.5 KVDC
Conductor Resistance	97.80 ohms / Km at 20 deg. C
Capacitance Unbalance P to P	500 pF / 500m

Pair colour scheme

Pair	A	B
1	WHITE-blue	BLUE-white
2	WHITE-orange	ORANGE-white
3	WHITE-green	GREEN-white
4	WHITE-brown	BROWN-white
5	WHITE-slate	SLATE-white
6	RED-blue	BLUE-red
7	RED-orange	ORANGE-red
8	RED-green	GREEN-red
9	RED-brown	BROWN-red
10	RED-slate	SLATE-red
11	BLACK-blue	BLUE-black
12	BLACK-orange	ORANGE-black
13	BLACK-green	GREEN-black
14	BLACK-brown	BROWN-black

15	BLACK-slate	SLATE-black
16	YELLOW-blue	BLUE-yellow
17	YELLOW-orange	ORANGE-yellow
18	YELLOW-green	GREEN-yellow
19	YELLOW-brown	BROWN-yellow
20	YELLOW-slate	SLATE-yellow
21	VIOLET - blue	BLUE - violet
22	VIOLET - orange	ORANGE - violet
23	VIOLET - green	GREEN - violet
24	VIOLET - brown	BROWN - violet
25	VIOLET - slate	SLATE - violet

Binder colour scheme

Cables	50 Pair	100 Pair	200 Pair
Centre layer	5 x 10 Pairs	1 x 20 Pairs	
First Layer	Orange (10p)	8 x 10 Pairs	
Unit Binder Colours	White (10p)	Orange (20p)	White/Blue (12p)
White (10p)	Orange (10p)	White/Blue (13p)	
White (10p)	White (10p)	White/Orange (12p)	
Orange (10p)	White (10p)	White/Orange (13p)	
	White (10p)	White/Green (25p)	
	White (10p)	White/Brown (25p)	
	White (10p)	White/Slate (25p)	
	White (10p)	Red/Blue (25p)	
	Green (10p)	Red/Orange (25p)	
	Red/Green (25p)		

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Standards

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
EN 50575: 2014 + A1: 2016	Power, control and communication cables — Cables for general applications in construction works subject to reaction to fire requirements
BS 6746:1990	Specification for PVC insulation and sheath of electric cables
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

Part Number Table

Part Number	Description
TC002P1W-LSF	Excel CW1308 2 Pair Internal Telephone Cable LSF 100 m Reel White
TC002P2W-LSF	Excel CW1308 2 Pair Internal Telephone Cable LSF 200 m Reel White
TC003P1B	Excel CW1308 3 Pair Internal Telephone Cable LSF 100 m Reel Black
TC003P1W-LSF	Excel CW1308 3 Pair Internal Telephone Cable LSF 100 m Reel White
TC003P2W-LSF	Excel CW1308 3 Pair Internal Telephone Cable LSF 200 m Reel White
TC003P5W-LSF	Excel CW1308 3 Pair Internal Telephone Cable LSF 500 m Reel White
TC004P1B	Excel CW1308 4 Pair Internal Telephone Cable LSF 100 m Reel Black
TC004P1W-LSF	Excel CW1308 4 Pair Internal Telephone Cable LSF 100 m Reel White
TC004P2W-LSF	Excel CW1308 4 Pair Internal Telephone Cable LSF 200 m Reel White
TC006P1W-LSF	Excel CW1308 6 Pair Internal Telephone Cable LSF 100 m Reel White
TC006P2W-LSF	Excel CW1308 6 Pair Internal Telephone Cable LSF 200 m Reel White
TC010P1W-LSF	Excel CW1308 10 Pair Internal Telephone Cable LSF 100 m Reel White
TC010P2W-LSF	Excel CW1308 10 Pair Internal Telephone Cable LSF 200 m Reel White
TC020P1W-LSF	Excel CW1308 20 Pair Internal Telephone Cable LSF 100 m Reel White
TC020P2W-LSF	Excel CW1308 20 Pair Internal Telephone Cable LSF 200 m Reel White

Excel CW1308 4 Pair Internal Telephone Cable LSF 100 m Reel Black

TC020PB	Excel CW1308 20 Pair Internal Telephone Cable LSF Per Metre Black
TC020PW-LSF	Excel CW1308 20 Pair Internal Telephone Cable LSF Per Metre White
TC025P1W-LSF	Excel CW1308 25 Pair Internal Telephone Cable LSF 100 m Reel White
TC025P2W-LSF	Excel CW1308 25 Pair Internal Telephone Cable LSF 200 m Reel White
TC025PW-LSF	Excel CW1308 25 Pair Internal Telephone Cable LSF Per Metre White

Excel is a world class premium performing end to end infrastructure solution designed,
Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com