

Technical Data Sheet

Product Code

MTBT

Product Description

Bench Trunking

Product Dimensions

100 x 100 mm Profile

2 Metre Length



Applicable Standards:

BS6701 (Telecommunications equipment and cabling)
ISO/IEC 11801 (ED2.0 Amd 2) (Generic cabling for customers premises)
Cenlec (BSEN50173 Part 1/2, BSEN50174-2) (Generic cabling and installation)
BS4678 Pt 4 (Cable Trunking)
BS7671 (IEE Regulations) (Wiring Regulations)

Product Specification:

Description: Aluminium bench trunking with uPVC lid
Material Compliance: RoHS & WEEE Compliant
Manufactured: Base extruded from aluminium
Lid extruded from uPVC pellets

Material Specification:(if applicable)

Aluminium Alloy EN-AW 6063

Cu	Si	Mn	Fe	Mg	Cr	Zn	Ti	Others		Al
								Each	Total	
0.10%	0.2-0.6%	0.10%	0.35%	0.45-0.9%	0.10%	0.10%	0.10%	0.05%	0.15%	Rest

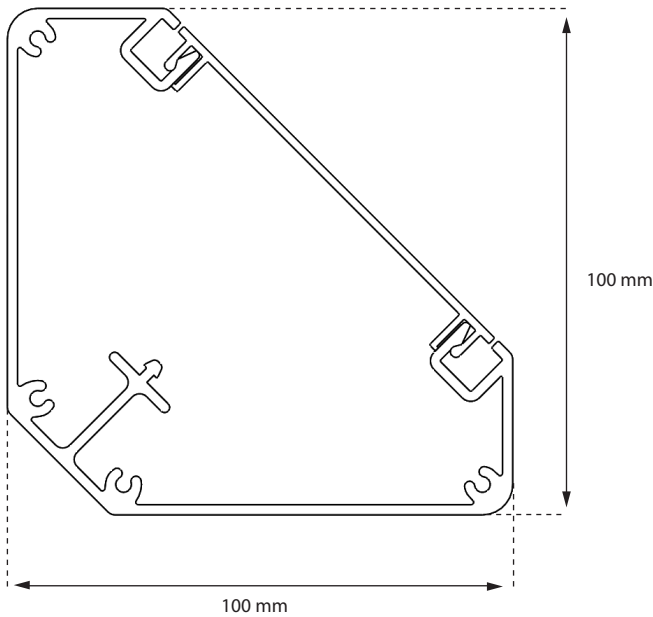
Yield Strength	130 MPa
Tensile Strength	175 MPa
Elongation	8%

Colours:

MTBT - Aluminium body, uPVC lid
MTBTW - White powder-coated aluminium body, uPVC lid

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Dimensions and Cable Capacities



Compartment width in (mm)

A	B	C
21.5	80	67

Internal Height

58mm

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm ²)	COMPARTMENT B		
		6296 mm ²	6296 mm ² and 25mm back box (4582 mm ²)	6296 mm ² and 35mm back box (3860 mm ²)
		45% Fill (2833 mm ²)	45% Fill (2061 mm ²)	45% Fill (1737 mm ²)
5	19.6	144	105	88
5.5	23.8	119	86	72
6	28.3	100	72	61
6.5	33.2	85	62	52
7	38.5	73	53	45

Power

POWER CABLE CONDUCTOR CSA (mm ²)	CABLE FACTOR	COMPARTMENT B		
		6296 mm ²	6296 mm ² and 25mm back box (4582 mm ²)	6296 mm ² and 35mm back box (3860 mm ²)
		45% Fill (2833 mm ²)	45% Fill (2061 mm ²)	45% Fill (1737 mm ²)
1.5	8.6	329	239	201
2.5	12.6	224	163	137
4	16.6	170	124	104
6	21.2	133	97	81