

Technical Data Sheet

Product Code

MEC3

Product Description

Elite Compact - 3 Compartment Perimeter Trunking

Product Dimensions

145 x 50mm Profile

3 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: 3 Compartment Perimeter Trunking
Material Compliance: RoHS & WEEE Compliant
Manufactured: Extruded from Pellets

Material Specification:(if applicable)

Description: A Calcium/Zinc stabilised, medium/
high impact uPVC.

PROPERTY	Standard	UNITS	VALUE
Specific Gravity	BS2782 620A	g/cc	1.50
Vicat Softening Point	BS2782 (B50) 1990 120B	°C	78
Tensile Strength @ Yield	BS2782 320A-F	MPa	40

The above are typical test results and do not constitute any part of a specification

Colours:

MEC3 - Pure White
MEC3LG - Light Grey
MEC3CH - Charcoal

Additional Finishes:

MEC3AM - Anti-Microbial

Base:

Pre Punched for wall mounting at 200mm intervals.

Walls:

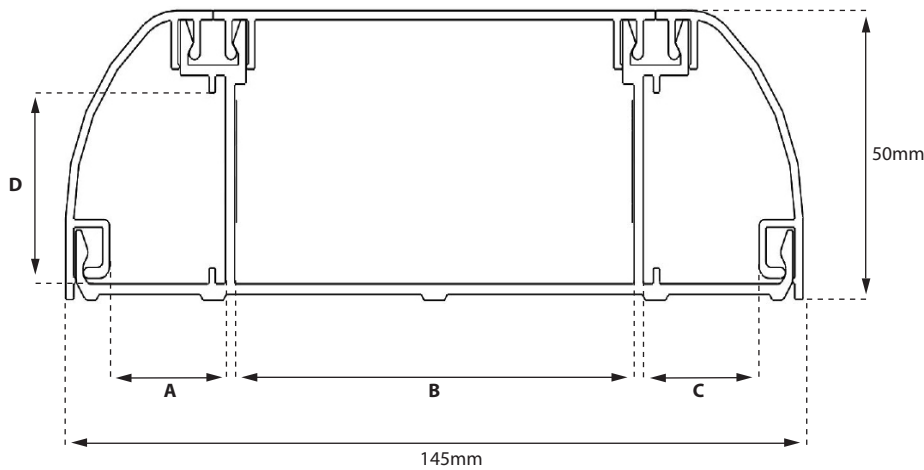
Pre-Punched for wiring at 150mm intervals.

Screening:

MEC3SD - Slide in steel screening dividers top and bottom
MEC3SDE - External angle screening divider

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Dimensions and Cable Capacities



Compartment width (mm)

A	B	C
22.8	78.6	22.8

Internal Height (mm)

D
33

Data

DATA CABLE DIAMETER (mm)	NOMINAL CSA (mm ²)	COMPARTMENT A 1040mm ²	COMPARTMENT B			COMPARTMENT C 1040mm ²
			3590mm ²	3950mm ² and 25mm box	3590mm ² and 35mm box	
		45% Fill (468mm ²)	45% Fill (1615mm ²)	45% Fill (813mm ²)	45% Fill (488mm ²)	45% Fill (468mm ²)
5	19.6	24	82	41	24	24
5.5	23.8	20	67	34	20	20
6	28.3	17	57	28	17	17
6.5	33.2	14	48	24	14	14
7	38.5	12	41	21	12	12
8	50.3	9	32	16	9	9
9	63.6	7	25	12	7	7
10	78.5	6	20	10	6	6

Power

POWER CABLE CONDUCTOR CSA (mm ²)	CABLE FACTOR	COMPARTMENT A 1040mm ²	COMPARTMENT B			COMPARTMENT C 1040mm ²
			3590mm ²	3590mm ² and 25mm box	3590mm ² and 35mm box	
		45% Fill (468mm ²)	45% Fill (1615mm ²)	45% Fill (813mm ²)	45% Fill (488mm ²)	45% Fill (928mm ²)
1.5	8.6	53	187	98	61	53
2.5	12.6	36	126	67	41	36
4	16.6	27	97	51	31	27
6	21.2	21	76	40	25	21