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CABLE MANAGEMENT

TRONIC



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DADO - Three Compartment Trunking



Brief product description

Dado Three Compartment Trunking System used in commercial applications to distribute power and data cabling around a building or an office. The compartments are segregated to enable power cables to be separated from data cables. The centre compartment lid can be cut to enable a socket box to be fitted for power, data and satellite accessories.

Product Images



INTERNAL BEND

EXTERNAL BEND

FLAT ANGLES



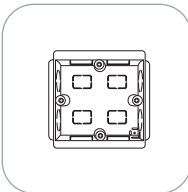
FLAT TEE



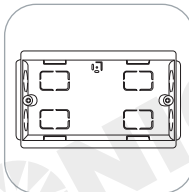
COUPLER



END CAP



SINGLE MOUNTING BOX



TWIN MOUNTING BOX

Features

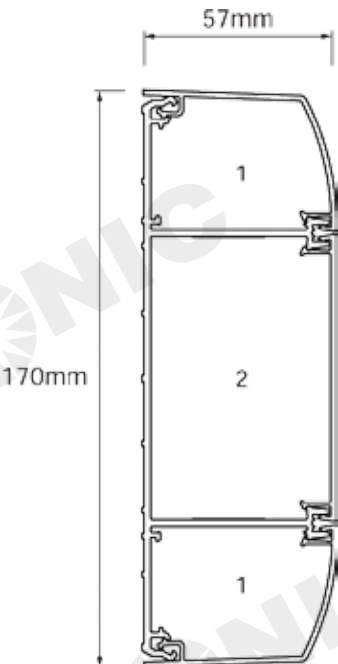
- 3 compartments for segregation of dissimilar services
- CAT 5e compliant
- Colour matched to TR Range white wiring accessories
- Soft angled profile
- 160 x 50mm size, supplied in 3m lengths
- Trunking pack includes base and three lids
- Horizontal or vertical mounting
- Easy assembly of system
- Non-flame propagating and self extinguishing material
- Trunking and lids supplied with protective blue film
- 1 gang mounting boxes has four fixing lugs that permit horizontal and vertical mounting. Pillars are recessed to accept flat plate accessories
- Mounting boxes enable cabling to pass from behind
- Generous side and back breakout to aid cable entry/exit
- Mounting box enable centre lid to penetrate beneath the accessory to mask the cut end
- Internal and external bends supplied in three parts to provide access to individual compartments
- Internal and external bend enable a 5mm overlap of lid to accommodate onsite cutting tolerances
- End cap is common for left or right hand and can be secured in place with solvent cement if required
- Manufactured from PVCu to BS EN 50085
- Internal and external bend supplied in individual packing

Technical Specifications

- Manufactured from virgin grade of unplasticised Poly Vinyl Chloride PVCu to meet BS EN 50085 requirements
- Products are manufactured from high impact grade PVC capable of withstanding hazardous on site conditions and exceeds the most stringent requirements
- The products are unaffected by solutions of inorganic acids, alkalis and salts and is resistant to many organic chemicals PVC may be softened by aromatic compounds and some organic materials such as keytones
- The material is non-flame propagating and is self extinguishing complying with BS EN 50085 and BS EN 50086
- The thermal properties of PVC can accommodate ambient variations in temperature which equates to 5.25mm for a 3m length
- Coefficient of linear expansion $7 \times 10^{-5}/^{\circ}\text{C}$
- Operating temperature -5°C to 60°C
- Thermal conductivity $0.19 \text{ W/m}^{\circ}\text{C}$
- Oxygen index 42%
- Tensile strength $492/562 \text{ kg/cm}^2$ $7000/8000 \text{ lb/inch}^2$
- Base incorporates elongated 5mm fixing holes at 200mm intervals to aid installation.
- For applications where ambient temperature is variable a loosely tightened washer under the screw head will allow for any expansion or contraction
- The application of solvent free paint is acceptable as PVC provides a base material

***Note: White PVCu is formulated from Titanium Oxide that is a natural UV inhibitor generally not fitted to external applications when exposure can cause cyclic discolouring before stabilising**

Line Diagram



Maxi Trunking 100x50



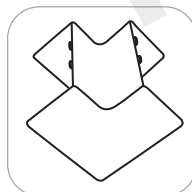
Brief product description

Maxi Trunking Systems are generally used in commercial or industrial applications, to distribute power and data cabling around a building. The trunking is typically single compartment, but can be segregated into compartments using clip dividing fillets. Therefore, enabling power cables to be separated from data cables.

Product Images



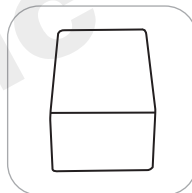
FLAT ANGLE



EXTERNAL BEND



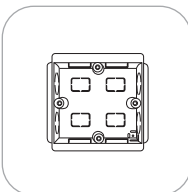
TEE



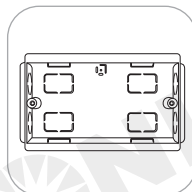
COUPLER



END CAP



SINGLE
MOUNTING BOX



TWIN
MOUNTING BOX

Features

- Tough and impact resistant
- Horizontal or vertical mounting
- Easy assembly of system
- Dividing fillets enable segregation of services
- Non-flame propagating and self extinguishing
- Lids supplied with protective blue film
- 1 gang mounting boxes have four fixing lugs that permit horizontal and vertical mounting. Pillars are recessed to allow for flat plate accessories
- Mounting boxes have angled edges to aid cabling to pass from behind. Generous side and back break outs are present to aid cable entry/exit.
- Mounting box width enables centre lid to penetrate beneath the accessory when fitted, enabling the accessory to mask the cut end
- Fittings include an overlap of lid to allow for onsite cutting tolerances
- End cap is common for left or right hand and needs to be secured in place with solvent cement
- Moulded fittings do not require the trunking lengths as the clipover design, enables the trunking to be butt jointed
- Manufactured from PVCu to BS EN 50085 and BS 4662

Technical Specifications

- Manufactured from virgin grade of unplasticised Poly Vinyl Chloride PVCu to meet BS EN 50085 requirements where applicable
- Products are manufactured from high impact grade PVC capable of withstanding hazardous on site conditions and exceeds the most stringent requirements of the relevant product standards.
- The products are unaffected by solutions of inorganic acids, alkalis and salts and is resistant to many organic chemicals. PVC may be softened by aromatic compounds and some organic materials such as keytones
- The material is non-flame propagating and is self extinguishing.
- The thermal properties of PVC can accomodate ambient variations in temperature which equates to 5.25mm for a 3m length
- Coefficient of linear expansion $7 \times 10^{-5}/^{\circ}\text{C}$
- Operating temperature -5°C to 60°C
- Thermal conductivity $0.19 \text{ W/m}^{\circ}\text{C}$
- Oxygen index 42%
- For applications where ambient temperature is variable a loosely tightened washer under the screw head will allow for any expansion or contraction
- The application of solvent free paint is acceptable as PVC provides a base material

***Note: White PVCu is formulated from Titanium Oxide that is a natural UV inhibitor generally not fitted to external applications when exposure can cause cyclic discolouring before stabilising**

Product Codes



Description	Code
170x50 3 Compartment Trunking	CM 1750-01
Divider	CM 1750-02
Coupler	CM 1750-03
Internal Bend	CM 1750-04
External Bend	CM 1750-05
Flat T	CM 1750-06
Flat Angle	CM 1750-07
End Cap	CM 1750-08
Single Box	CM 1050-33
Twin Box	CM 1050-36

100x50 Trunking	CM 1050-01
Divider	CM 1050-02
Coupler	CM 1050-03
Internal Bend	CM 1050-04
External Bend	CM 1050-05
End Cap	CM 1050-06
Flat Angle	CM 1050-07
TEE	CM 1050-08
Single Box	CM 1050-33
Twin Box	CM 1050-36

16x16 Trunking	CM 1616
16x25 Trunking	CM 1625
25x38 Trunking	CM 2538
50x50 Trunking	CM 5050
50x75 Trunking	CM 5075
100x100 Trunking	CM 1010
100x200 Trunking	CM 1020