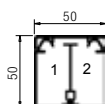


Maxi and Sceptre trunking

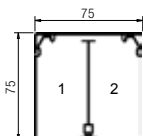


Maxi MTRS50

Total = 1979mm² total area
Total = 890mm² 45% space factor
1 & 2 = 911mm² total area
1 & 2 = 410mm² 45% space factor

Internal dimensions

Compartment 1 = 46 x 46mm

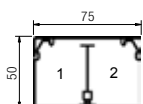


Maxi MTRS75

Total = 4709mm² total area
Total = 2119mm² 45% space factor
1 & 2 = 2196mm² total area
1 & 2 = 988mm² 45% space factor

Internal dimensions

Compartment 1 = 71 x 71mm

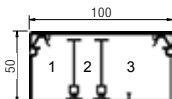


Maxi MTRS75/50

Total = 3032mm² total area
Total = 1365mm² 45% space factor
1 & 2 = 1347mm² total area
1 & 2 = 606mm² 45% space factor

Internal dimensions

Compartment 1 = 71 x 46mm

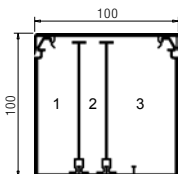


Maxi MTRS100/50

Total = 4040mm² total area
Total = 1818mm² 45% space factor
1 = 1056mm² total area
1 = 475mm² 45% space factor
2 = 660mm² total area
2 = 297mm² 45% space factor
3 = 1829mm² total area
3 = 823mm² 45% space factor

Internal dimensions

Compartment 1 = 94 x 46mm

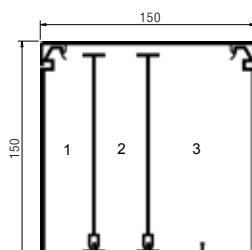


Maxi MTRS100

Total = 8733mm² total area
Total = 3930mm² 45% space factor
1 = 2375mm² total area
1 = 1069mm² 45% space factor
2 = 1464mm² total area
2 = 659mm² 45% space factor
3 = 4075mm² total area
3 = 1834mm² 45% space factor

Internal dimensions

Compartment 1 = 94 x 94mm

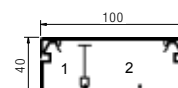


Maxi MTRS150

Total = 20193mm² total area
Total = 9087mm² 45% space factor
1 = 4406mm² total area
1 = 1983mm² 45% space factor
2 = 4728mm² total area
2 = 2128mm² 45% space factor
3 = 9482mm² total area
3 = 4267mm² 45% space factor

Internal dimensions

Compartment 1 = 143 x 144mm



Sceptre DTR1

Total = 3168mm² total area
Total = 1426mm² 45% space factor
1 = 816mm² total area
1 = 367mm² 45% space factor
2 = 2002mm² total area
2 = 901mm² 45% space factor

Conductor type	Size	Cable factor
Stranded PVC power	1.5mm ²	8.6
Stranded PVC power	2.5mm ²	12.6
Stranded PVC power	4.0mm ²	16.6
*Data cable	Ø5.5mm	23.8
*Data cable	Ø6.0mm	28.3
*Data cable	Ø6.5mm	33.2
*Data cable	Ø7.0mm	38.5
*Data cable	Ø8.4mm	55.4

For Data cable information, please see page 242

To determine cable capacity, select the size of the cable required and its corresponding cable factor from the table. Divide the compartment area figure (with or without 45% space factor) with the cable factor figure to achieve cable capacity.

Note: When 30mm deep accessory boxes are installed in MTRS100 and MTRS100/50, reduce the area by 2600mm².

Material

PVC-U is flame retardant and self-extinguishing. It is a 100% recyclable material.

Positioning

Feeder or distribution trunking.

Maxi and Sceptre trunking – continued

Maxi trunking Cable capacity chart	Total	Compartment 1	Compartment 2	Compartment 3
		With box	No box	With box
PVC power cable 1.5mm² stranded copper				
MTRS50	103	47	47	-
MTRS75	246	114	114	-
MTRS75/50	158	70	70	-
MTRS100/50	211	55	34	95
MTRS100	456	124	76	213
MTRS150	1056	230	247	496
PVC power cable 2.5mm² stranded copper				
MTRS50	70	32	32	-
MTRS75	168	78	78	-
MTRS75/50	108	48	48	-
MTRS100/50	144	37	23	65
MTRS100	311	84	52	145
MTRS150	721	157	168	338
PVC power cable 4.0mm² stranded copper				
MTRS50	53	24	24	-
MTRS75	127	59	59	-
MTRS75/50	82	36	36	-
MTRS100/50	109	28	17	49
MTRS100	236	64	39	110
MTRS150	547	119	128	257
Data cable: Ø5.5mm				
MTRS50	37	17	17	-
MTRS75	89	41	41	-
MTRS75/50	57	25	25	-
MTRS100/50	74	20	12	34
MTRS100	165	44	27	77
MTRS150	381	83	89	179
Data cable: Ø6.0mm				
MTRS50	31	14	14	-
MTRS75	74	34	34	-
MTRS75/50	48	21	21	-
MTRS100/50	64	16	10	29
MTRS100	138	37	23	64
MTRS150	321	70	75	150
Data cable: Ø6.5mm				
MTRS50	26	12	12	-
MTRS75	63	19	29	-
MTRS75/50	41	18	18	-
MTRS100/50	54	14	8	24
MTRS100	118	32	19	55
MTRS150	273	59	64	128
Data cable: Ø7.0mm				
MTRS50	23	10	10	-
MTRS75	55	25	25	-
MTRS75/50	35	15	15	-
MTRS100/50	47	12	7	21
MTRS100	102	27	17	47
MTRS150	236	51	55	110
Data cable: Ø8.4mm				
MTRS50	16	7	7	-
MTRS75	38	17	17	-
MTRS75/50	24	10	10	-
MTRS100/50	32	8	5	14
MTRS100	70	19	11	33
MTRS150	164	35	38	76

Cable capacities

- All calculations allow for a 45% space factor.

As there can be differences between data cable sizes, Marshall-Tufflex recommend that cable dimensions are confirmed with the manufacturing company.

Sceptre trunking Cable capacity chart	Total	Compartment 1	Compartment 2
		No box	No box
PVC power cable 1.5mm ² stranded copper			
DTR1	165	42	104
PVC power cable 2.5mm ² stranded copper			
DTR1	113	29	71
PVC power cable 4.0mm ² stranded copper			
DTR1	85	22	54
Data cable: Ø5.5mm			
DTR1	59	15	37
Data cable: Ø6.0mm			
DTR1	50	12	31
Data cable: Ø6.5mm			
DTR1	42	11	27
Data cable: Ø7.0mm			
DTR1	37	9	23
Data cable: Ø8.4mm			
DTR1	25	6	16