

BRN RANGE

Galvanized steel cable tray systems



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**THE FIVE ADVANTAGES
OF BRN RANGE GALVANIZED STEEL
CABLE TRAYS SYSTEMS
WITH TRANSVERSE RIBBING**

Return flange for more safety

The top of the flange is round on the outside. This shape makes the BRN cable trays more rigid and allows installation using less supports. The flange also provides more safety for the hands during installation, and for the insulations of the cables.

Strengthened bottom

Transverse ribbed bottom provides stability for the raceway:

- Stronger bottom permitting maximum load without breaking
- Better sliding of cables making installation easier
- Greater accessibility for cables ties to pass through
- Better ventilation for electric cables.

Rigid and consistent

Two longitudinal ribs on the bottom of the raceway considerably increase its strength and load capacity. This new manufacturing process makes the system considerably cost-effective thanks to greater cable tray support span.

Speed-lock coupler

The automatic quick and secure coupling inside the raceway has been shaped on the ribbing of the BRN system, making it more stable and increasing the potential load supported.

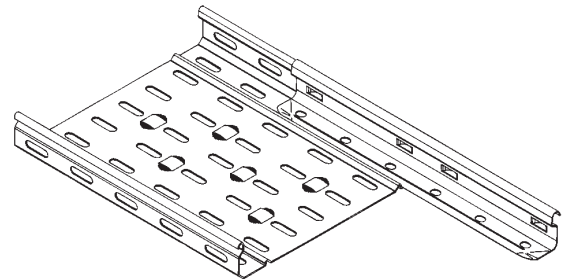
Covers

The cover snaps on by simply pressing the edges on the cable tray.

BRN Range horizontal and vertical built on-side elbows

These kit form elbows comprise pre-cut bottoms and two folding angle sections.

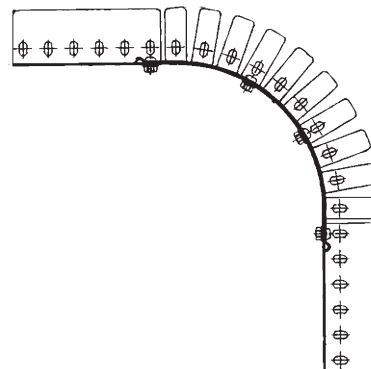
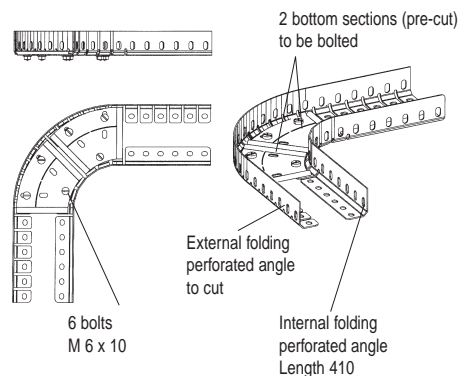
- Cost-effective: elbows can be made on site.
- Handy: every horizontal elbow is made of 5 pre-cut 45° sections.
- Easy: no stock requirements, elbows can be formed according to system requirements.



Time-saving speed-lock coupler (boltless).

90° horizontal built on-site elbows.

Elbows can be made according to project requirements.

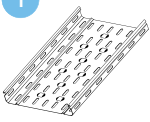


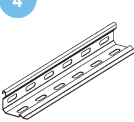



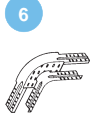
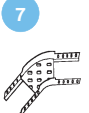


90° vertical outside elbows built on-site.

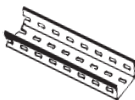


Elbows can be made to the appropriate angle required with no advance stock.

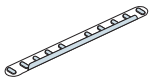

BRN RANGE

Selection guide

BRN Range galvanized steel cable tray systems with transverse ribbing								
LENGTH: 3 METRES	CABLE TRAY		COVER	BRN 50-80 COVER CLIP FOR VERTICAL OR SIDE FITTING	BRN 35-50 DIVIDER LENGTH 3000 mm		TOLMATIC FIXING CLIP WITH NO BOLTS	
								
DIMENSIONS W x H mm	Z 275	GAC	Z 275	AIISI 304	Z 275	GAC	2275	
BRN 35 GALVANIZED STEEL RETURN FLANGE CABLE TRAYS WITH TRANSVERSE RIBBING	65 x 35	MV 40 100	MV 40 200	MV 40 180	MV 65 110	MV 65 210		
	95 x 35	MV 40 101	MV 40 201	MV 40 181				
	125 x 35	MV 40 102	MV 40 202	MV 40 182				
	155 x 35	MV 40 103	MV 40 203	MV 40 183				
	185 x 35	MV 40 104	MV 40 204	MV 40 184				
	215 x 35	MV 40 105	MV 40 205	MV 40 185				
	245 x 35	MV 40 106	MV 40 206	MV 40 186				
	305 x 35	MV 40 108	MV 40 208	MV 40 188				
	365 x 35	MV 40 110	MV 40 210	MV 40 190				
395 x 35	MV 40 111	MV 40 211	MV 40 191					
BRN 50 GALVANIZED STEEL RETURN FLANGE CABLE TRAYS WITH TRANSVERSE RIBBING	65 x 50	MV 40 120	MV 40 220	MV 40 180	MV 41 602	MV 65 111	MV 65 211	MV 41 100
	95 x 50	MV 40 121	MV 40 221	MV 40 181				
	125 x 50	MV 40 122	MV 40 222	MV 40 182				
	155 x 50	MV 40 123	MV 40 223	MV 40 183				
	185 x 50	MV 40 124	MV 40 224	MV 40 184				
	215 x 50	MV 40 125	MV 40 225	MV 40 185				
	245 x 50	MV 40 126	MV 40 226	MV 40 186				
	305 x 50	MV 40 128	MV 40 228	MV 40 188				
	365 x 50	MV 40 130	MV 40 230	MV 40 190				
395 x 50	MV 40 131	MV 40 231	MV 40 191					
BRN 65 GALVANIZED STEEL RETURN FLANGE CABLE TRAYS WITH TRANSVERSE RIBBING	95 x 65	MV 40 141	MV 40 241	MV 40 181				
	215 x 65	MV 40 145	MV 40 245	MV 40 185				
	305 x 65	MV 40 148	MV 40 248	MV 40 188				
	395 x 65	MV 40 151	MV 40 251	MV 40 191				
	515 x 65	MV 40 155	MV 40 255	MV 40 195				
BRN 80 GALVANIZED STEEL RETURN FLANGE CABLE TRAYS WITH TRANSVERSE RIBBING	605 x 65	MV 40 157	MV 40 257	MV 40 197				
	125 x 80	MV 40 162	MV 40 262	MV 40 182	MV 41 602			
	215 x 80	MV 40 165	MV 40 265	MV 40 185				
	305 x 80	MV 40 168	MV 40 268	MV 40 188				
	395 x 80	MV 40 171	MV 40 271	MV 40 191				
515 x 80	MV 40 175	MV 40 275	MV 40 195					
605 x 80	MV 40 177	MV 40 277	MV 40 197					

Welded horizontal fittings			
HORIZONTAL 90° ELBOWS	HORIZONTAL 135° ELBOWS	HORIZONTAL TEES	HORIZONTAL CROSS
			
Z 275	Z 275	Z 275	Z 275
MV 42 100	MV 43 100	MV 46 100	MV 47 100
MV 42 101	MV 43 101	MV 46 101	MV 47 101
MV 42 102	MV 43 102	MV 46 102	MV 47 102
MV 42 103	MV 43 103	MV 46 103	MV 47 103
MV 42 104	MV 43 104	MV 46 104	MV 47 104
MV 42 105	MV 43 105	MV 46 105	MV 47 105
MV 42 106	MV 43 106	MV 46 106	MV 47 106
MV 42 108	MV 43 108	MV 46 108	MV 47 108
MV 42 110	MV 43 110	MV 46 110	MV 47 110
MV 42 111	MV 43 111	MV 46 111	MV 47 111
MV 42 120	MV 43 120	MV 46 120	MV 47 120
MV 42 121	MV 43 121	MV 46 121	MV 47 121
MV 42 122	MV 43 122	MV 46 122	MV 47 122
MV 42 123	MV 43 123	MV 46 123	MV 47 123
MV 42 124	MV 43 124	MV 46 124	MV 47 124
MV 42 125	MV 43 125	MV 46 125	MV 47 125
MV 42 126	MV 43 126	MV 46 126	MV 47 126
MV 42 128	MV 43 128	MV 46 128	MV 47 128
MV 42 130	MV 43 130	MV 46 130	MV 47 130
MV 42 131	MV 43 131	MV 46 131	MV 47 131
MV 42 135	MV 43 135	MV 46 135	MV 47 135
MV 42 141	MV 43 141	MV 46 141	MV 47 141
MV 42 145	MV 43 145	MV 46 145	MV 47 145
MV 42 148	MV 43 148	MV 46 148	MV 47 148
MV 42 151	MV 43 151	MV 46 151	MV 47 151
MV 42 155	MV 43 155	MV 46 155	MV 47 155
MV 42 157	MV 43 157	MV 46 157	MV 47 157
MV 42 162	MV 43 162	MV 46 162	MV 47 162
MV 42 165	MV 43 165	MV 46 165	MV 47 165
MV 42 168	MV 43 168	MV 46 168	MV 47 168
MV 42 171	MV 43 171	MV 46 171	MV 47 171
MV 42 175	MV 43 175	MV 46 175	MV 47 175
MV 42 177	MV 43 177	MV 46 177	MV 47 177

Accessories			
LENGTH: 3 METRES		LUMINAIRE MOUNTING	COVER LENGTH 2 M
			
		Z 275	Z 275
BR 30	35 x 30	MV 65 102	MV 65 103
	65 x 30	MV 65 101	MV 65 104

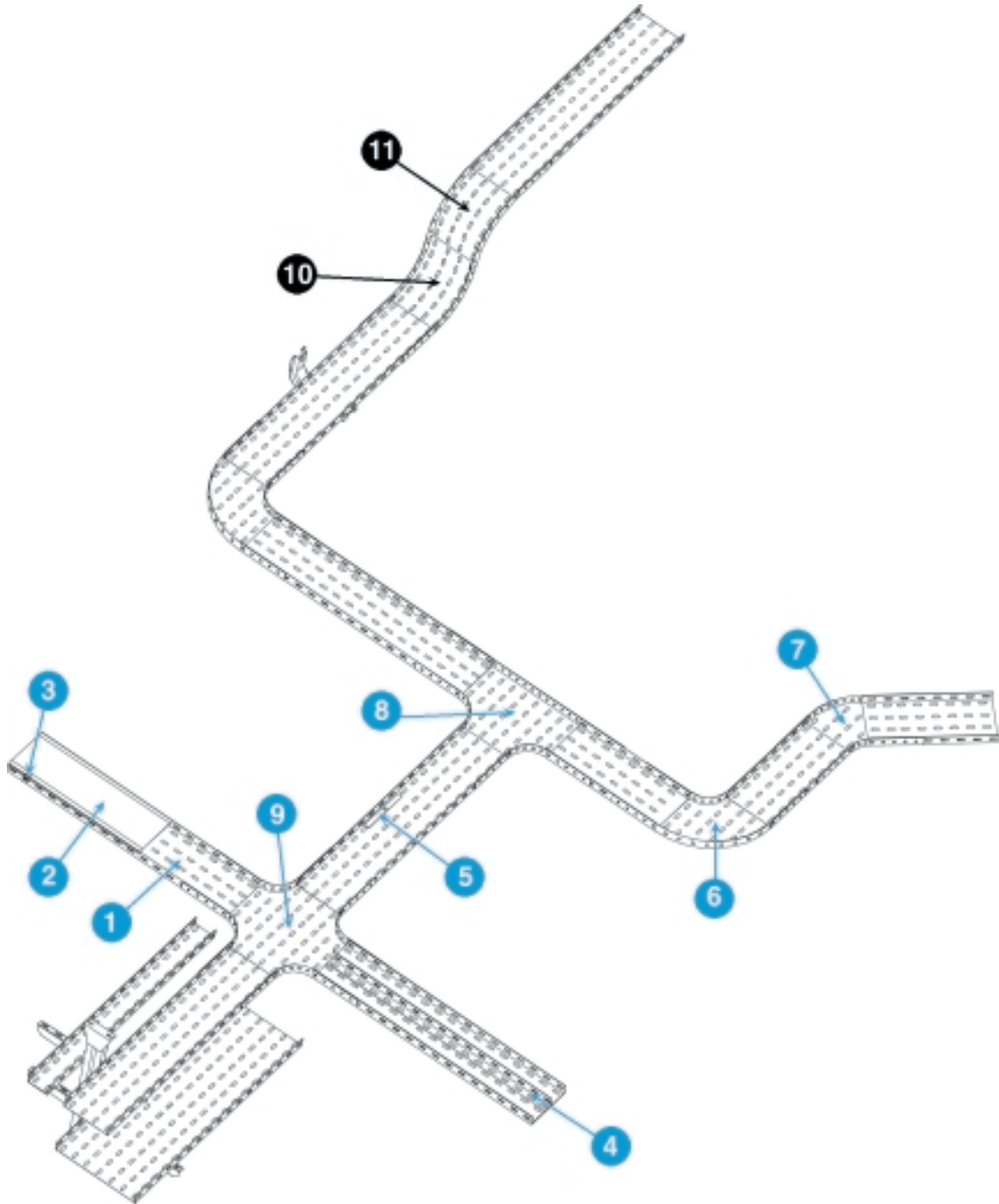
Coupling	
SPLICE PLATE	BOLT M 6 x 10
	
Z 275	EZ
MV 41 222	MV 66 100

GALVANIZED STEEL
CABLE TRAY SYSTEMS

BRN Range galvanized steel cable tray systems with transverse ribbing

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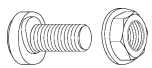
● See page 152



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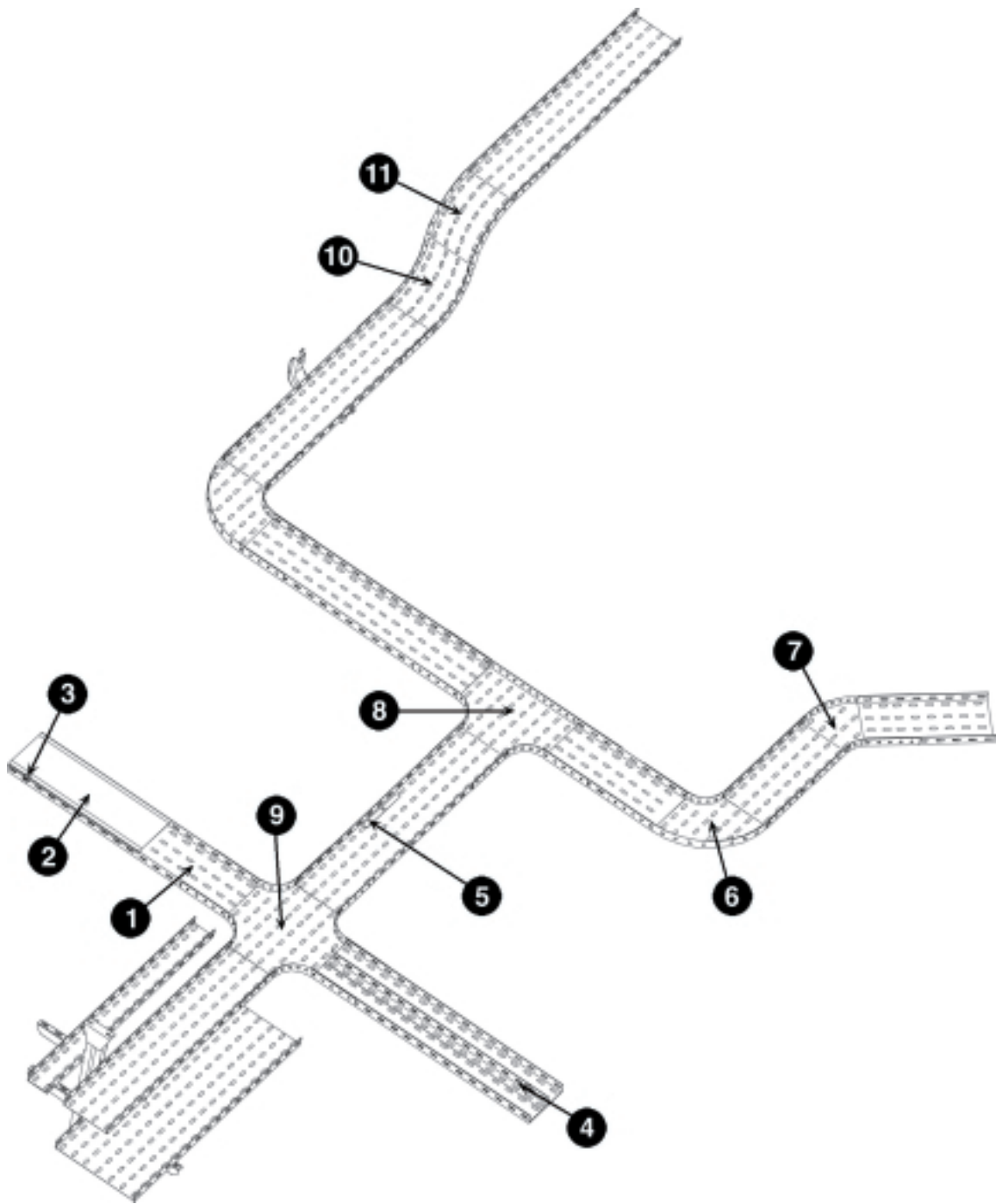
Selection guide

Couplings											
		STRAIGHT COUPLERS				ADJUSTABLE COUPLER	VERTICAL HINGED COUPLERS				
		SPEED-LOCK COUPLER WITH NO BOLTS		SPLICE PLATE WITH BOLTS		ADJUSTABLE COUPLER	VERTICAL HINGED COUPLERS 4 PARTS		VERTICAL HINGED COUPLERS LENGTH 275 MM		
		Z 275	GAC	Z 275	GAC	Z 275	Z 275	GAC	Z 275	GAC	
BRN 35	65 x 35	MV 41 110 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 212 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 120 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 222	MV 41 130	MV 41 122	MV 41 222			
	95 x 35										
	125 x 35										
	155 x 35										
	185 x 35										
	215 x 35										
	245 x 35										
	305 x 35										
365 x 35											
395 x 35											
BRN 50	65 x 50	MV 41 111 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 213 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 122 240 PIECES (6 BOXES OF 40 PIECES)	MV 41 222	MV 41 130	MV 41 122	MV 41 222			
	95 x 50										
	125 x 50										
	155 x 50										
	185 x 50										
	215 x 50										
	245 x 50										
	305 x 50										
365 x 50											
395 x 50											
515 x 50											
BRN 65	95 x 65			MV 41 121 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 223	MV 41 131			MV 41 140	MV 41 240	
	215 x 65										
	305 x 65										
	395 x 65										
	515 x 65										
605 x 65											
BRN 80	125 x 80			MV 41 121 100 PIECES (5 BOXES OF 20 PIECES)	MV 41 223	MV 41 131			MV 41 140	MV 41 240	
	215 x 80										
	305 x 80										
	395 x 80										
	515 x 80										
605 x 80											

BRN Range Bolts						
	TYPE	SURFACE TREATMENT		SUITABLE FOR		REQUIRED QUANTITY PER COUPLING
				CABLE TRAYS	USE	
 FIXING BOLTS	M6x10 BOLT AND COLLAR NUT	EZ	MV 66 100	Up to 305 mm	FIXING SPLICE PLATE, DIVIDERS, ELBOWS, TEES AND CROSSES WITH CABLE TRAYS. ASSEMBLY OF FITTINGS AND CABLE TRAYS FIXING ON OMEGA BRACKETS.	min. n°4
		DACROMET	MV 66 200			min. n°4
	M6x14 BOLT AND COLLAR NUT	EZ	MV 66 101	Up to 605 mm	FIXING SPLICE PLATE, DIVIDERS, ELBOWS, TEES AND CROSSES WITH CABLE TRAYS. CABLE TRAYS FIXING ON OMEGA BRACKETS.	min. n°4
		DACROMET	MV 66 201			min. n°4

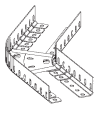
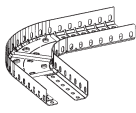



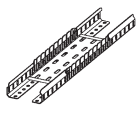
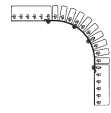

BRN Range galvanized steel cable tray systems with transverse ribbing

● See pages 148-152



BRN RANGE

Selection guide

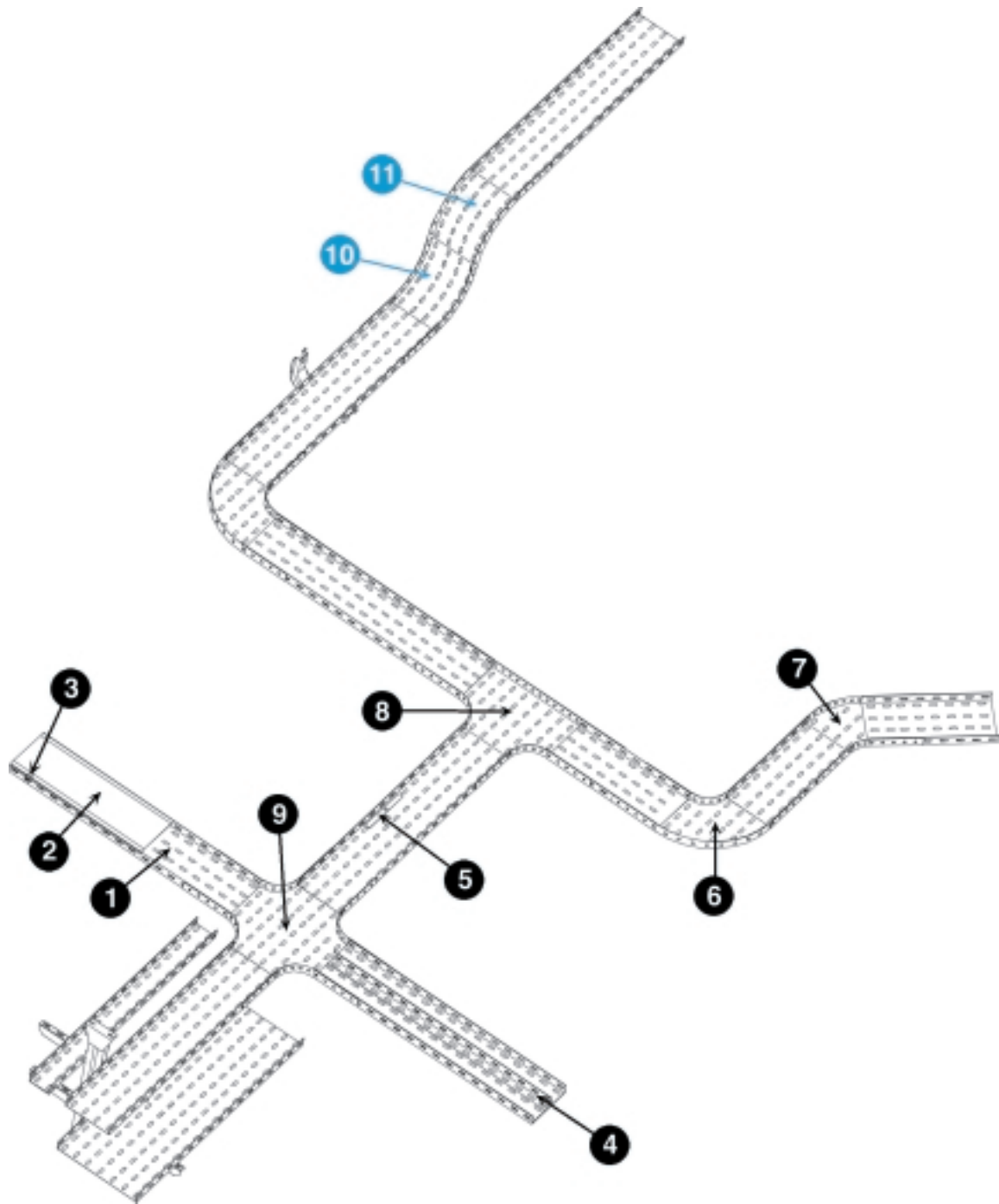
Modular flexible fittings											
	DIMENSIONS W x H	HORIZONTAL BUILT-ON-SITE ELBOWS				INTERNAL OR EXTERNAL VERTICAL BUILT-ON-SITE ELBOWS					
											
		90° / 135° INTERNAL FOLDING PERFORATED ANGLE	90° / 135° EXTERNAL FOLDING PERFORATED ANGLE	45° PRE-CUT BOTTOM	BOLT M6x10 (SCREW+NUT)	FOLDING PERFORATED ANGLE	PERFORATED BOTTOM TO CUT 300 (LENGTH) x 660 (WIDTH) mm			BOLT M6x10 (SCREW+NUT)	
		Z 275	Z 275	Z 275	EZ	Z 275	Z 275			EZ	
							CODE	NO. OF PIECES REQUIRED FOR EACH ELBOW	NO. OF PIECES TO CUT FOR EACH ELBOW	WIDTH OF PIECES TO CUT TO ASSEMBLE AN ELBOW	
BRN 35	65 x 35	MV 48 100	MV 48 101	MV 48 131*	MV 48 110	MV 48 130	n° 1	n° 1	60	MV 66 100 N° 8	
	95 x 35								90		
	125 x 35								120		
	155 x 35								150		
	185 x 35								180		
	215 x 35								210		
	245 x 35								240		
	305 x 35								300		
	365 x 35								360		
BRN 50	65 x 50	MV 48 102	MV 48 103	MV 48 131*	MV 48 111	MV 48 130	n° 1	n° 1	60	MV 66 100 N° 8	
	95 x 50								90		
	125 x 50								120		
	155 x 50								150		
	185 x 50								180		
	215 x 50								210		
	245 x 50								240		
	305 x 50								300		
	365 x 50								360		
BRN 65	95 x 65			MV 48 131*	MV 48 112				90		
	215 x 65								210		
	305 x 65								300		
	395 x 65								390		
	515 x 65								480		
	605 x 65								600		
BRN 80	125 x 80			MV 48 131*	MV 48 113				120		
	215 x 80								210		
	305 x 80								300		
	395 x 80								390		
	515 x 80								480		
	605 x 80								600		

* Provision: two 45° bottoms for a 90° horizontal elbow

BRN Range galvanized steel cable tray systems with transverse ribbing

● See page 152

● See page 148



BRN RANGE

Galvanized steel cable tray systems with transverse ribbing

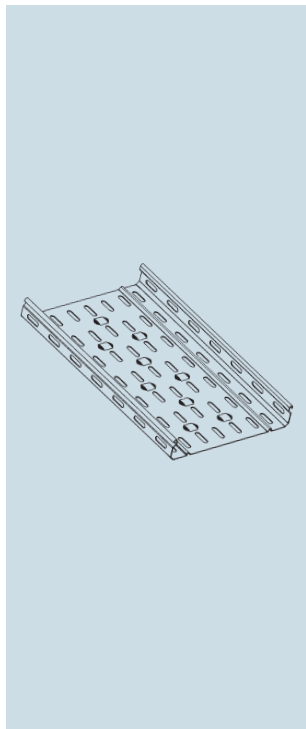
TECHNICAL CHARACTERISTICS - BRN

- **STANDARDS Z 275:** Continuous Hot-Dip galvanization (pre-galvanized) NF A 36-321/ NF A 36-322
GAC: Hot-Dip galvanization after manufacturing NF A 91-121/ NF A 91-122
- **TRADE NAME:** BRN
- **MARKING:** CE
- **COLOURS:** Silver - On request grey RAL 7035 with epoxidic powder
- **MATERIAL:** Galvanized steel
- **LENGHT:** Standard cable trays length: 3 metres - Standard cover length: 2 metres - Length on request: 4 metres

Table of loads

Range	Width mm	Load ⁽¹⁾ daN/m	
		1.5 m span	2 m
BRN 35	65	20	10
	95	21	12
	125	22	13
	155	26	17
	185	33	20
	215	40	21
	245	42	23
	305	47	26
	365	54	30
	395	54	31

BRN 35: please see technical sheets
⁽¹⁾ Safety factor 2 coefficient of safety for 2 high breakage ratio (load evenly distributed). Coupling outside the supports at 1/10 of the span. Deflection at mid span 1/200



BRN 35 Range

Galvanized steel cable tray system with transverse ribbing

Code	Description	Width* mm	Treatment	Carton metres	
MV 40 100	BRN 35 - 35 mm	65	Z 275	30	
MV 40 101	BRN 35 - 35 mm	95		30	
MV 40 102	BRN 35 - 35 mm	125		30	
MV 40 103	BRN 35 - 35 mm	155		18	
MV 40 104	BRN 35 - 35 mm	185		18	
MV 40 105	BRN 35 - 35 mm	215		12	
MV 40 106	BRN 35 - 35 mm	245		12	
MV 40 108	BRN 35 - 35 mm	305		6	
MV 40 110	BRN 35 - 35 mm	365		6	
MV 40 111	BRN 35 - 35 mm	395		6	
MV 40 200	BRN 35 - 35 mm	65		GAC	30
MV 40 201	BRN 35 - 35 mm	95			30
MV 40 202	BRN 35 - 35 mm	125	30		
MV 40 203	BRN 35 - 35 mm	155	18		
MV 40 204	BRN 35 - 35 mm	185	18		
MV 40 205	BRN 35 - 35 mm	215	12		
MV 40 206	BRN 35 - 35 mm	245	12		
MV 40 208	BRN 35 - 35 mm	305	6		
MV 40 210	BRN 35 - 35 mm	365	6		
MV 40 211	BRN 35 - 35 mm	395	6		

* For width 65 (Z275) use code MV 65 102.



COATING WITH GREY POLYESTER EPOXY POWDER ON REQUEST

An original, cost-effective coating (powder paint based on epoxy and polyester resins, fire rating M1) ensures twofold protection for the surface of the mountings and raceway (coating made on galvanized sheet metal Z 275).

This double protection has five advantages:

- 1) High corrosion resistance
Corrosion resistance according to NF X 41-002 acid rain standards
- 2) Heat resistance
- 3) UV-ray resistance
- 4) Matching surroundings coloured red RAL 3020, grey RAL 7030 and other colours on request.
- 5) Cable protection

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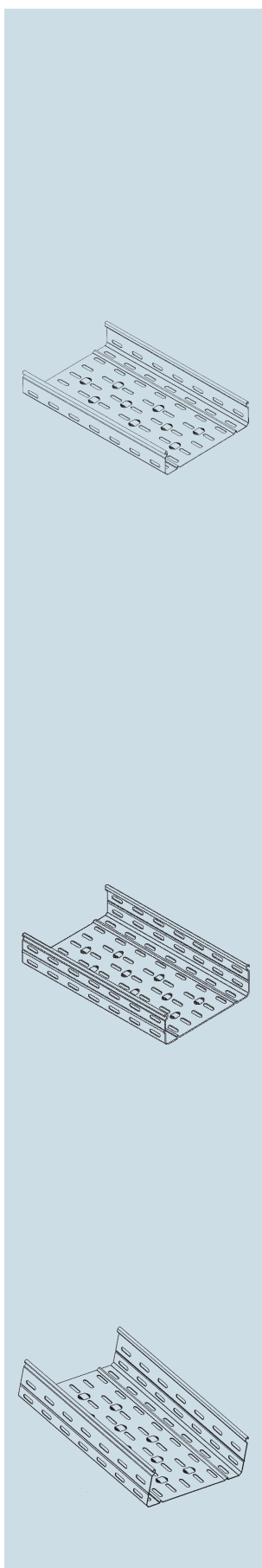
Technical sheets: page 308

Galvanized steel cable tray systems with transverse ribbing

Table of loads

Range	Width mm	Load ⁽¹⁾ daN/m span	
		1.5 m	2 m
BRN 50	65	25	14
	95	28	16
	125	31	18
	155	40	21
	185	41	23
	215	59	33
	245	61	33
	305	65	34
	365	87	49
	395	89	51
	485	119	67

BRN 50: Please see technical sheets
⁽¹⁾ Safety factor: 2 (load evenly distributed).
 Coupling outside the mountings 1/10 of the span.



BRN 50 Range

Galvanized steel cable tray system with transverse ribbing

Code	Description	Width mm	Treatment	Carton metres	
MV 40 120	BRN 50 - 50 mm	65	Z 275	24	
MV 40 121	BRN 50 - 50 mm	95		24	
MV 40 122	BRN 50 - 50 mm	125		18	
MV 40 123	BRN 50 - 50 mm	155		12	
MV 40 124	BRN 50 - 50 mm	185		12	
MV 40 125	BRN 50 - 50 mm	215		12	
MV 40 126	BRN 50 - 50 mm	245		12	
MV 40 128	BRN 50 - 50 mm	305		6	
MV 40 130	BRN 50 - 50 mm	365		6	
MV 40 131	BRN 50 - 50 mm	395		6	
MV 40 135	BRN 50 - 50 mm	515		6	
MV 40 220	BRN 50 - 50 mm	65		GAC	24
MV 40 221	BRN 50 - 50 mm	95			24
MV 40 222	BRN 50 - 50 mm	125	18		
MV 40 223	BRN 50 - 50 mm	155	12		
MV 40 224	BRN 50 - 50 mm	185	12		
MV 40 225	BRN 50 - 50 mm	215	12		
MV 40 226	BRN 50 - 50 mm	245	12		
MV 40 228	BRN 50 - 50 mm	305	6		
MV 40 230	BRN 50 - 50 mm	365	6		
MV 40 231	BRN 50 - 50 mm	395	6		
MV 40 235	BRN 50 - 50 mm	515	6		

BRN 65* Range

Galvanized steel cable tray system with transverse ribbing

Code	Description	Width mm	Treatment	Carton metres
MV 40 141	BRN 65 - 65 mm	95	Z 275	24
MV 40 145	BRN 65 - 65 mm	215		12
MV 40 148	BRN 65 - 65 mm	305		6
MV 40 151	BRN 65 - 65 mm	395		6
MV 40 155	BRN 65 - 65 mm	515		6
MV 40 157	BRN 65 - 65 mm	605	6	
MV 40 241	BRN 65 - 65 mm	95	GAC	24
MV 40 245	BRN 65 - 65 mm	215		12
MV 40 248	BRN 65 - 65 mm	305		6
MV 40 251	BRN 65 - 65 mm	395		6
MV 40 255	BRN 65 - 65 mm	515		6
MV 40 257	BRN 65 - 65 mm	605		6

* BRN 65 manufactured on request.

BRN 80* Range

Galvanized steel cable tray system with transverse ribbing

Code	Description	Width mm	Treatment	Carton metres
MV 40 162	BRN 80 - 80 mm	125	Z 275	18
MV 40 165	BRN 80 - 80 mm	215		12
MV 40 168	BRN 80 - 80 mm	305		6
MV 40 171	BRN 80 - 80 mm	395		6
MV 40 175	BRN 80 - 80 mm	515		6
MV 40 177	BRN 80 - 80 mm	605	6	
MV 40 262	BRN 80 - 80 mm	125	GAC	18
MV 40 265	BRN 80 - 80 mm	215		12
MV 40 268	BRN 80 - 80 mm	305		6
MV 40 271	BRN 80 - 80 mm	395		6
MV 40 275	BRN 80 - 80 mm	515		6
MV 40 277	BRN 80 - 80 mm	605		6

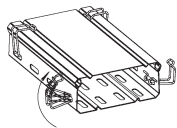
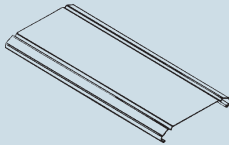
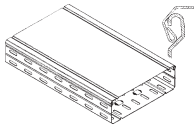
* BRN 80 manufactured on request.

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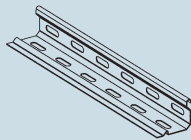
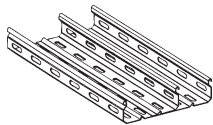
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BRN RANGE

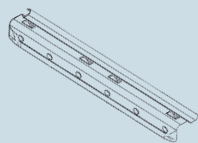
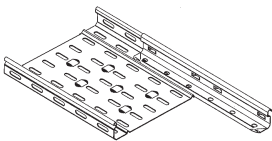
Galvanized steel cable tray systems with transverse ribbing



MV 41 602



BRN 35 divider



BRN 35 speed-lock coupler

BRN Range

Cover for BRN 35-50-65-80 (standard length 2 metres)

Code	Description	Width mm	Treatment	Carton metres
MV 40 180	Cover for BRN 35-50-65-80	65	Z 275	40
MV 40 181	Cover for BRN 35-50-65-80	95		20
MV 40 182	Cover for BRN 35-50-65-80	125		20
MV 40 183	Cover for BRN 35-50-65-80	155		20
MV 40 184	Cover for BRN 35-50-65-80	185		20
MV 40 185	Cover for BRN 35-50-65-80	215		20
MV 40 186	Cover for BRN 35-50-65-80	245		16
MV 40 188	Cover for BRN 35-50-65-80	305		12
MV 40 190	Cover for BRN 35-50-65-80	365		8
MV 40 191	Cover for BRN 35-50-65-80	395		8
MV 40 195	Cover for BRN 65-80	515		8
MV 40 197	Cover for BRN 65-80	605		8

BRN Range

Clip for BRN 50-80 covers for vertical on edge mounting

Code	Description	Treatment	Carton Qty.
MV 41 602	Clip for BRN 50-80 cover	Inox	200

BRN Range

Dividers for cable trays (length 3 m)

BRN 35-50 type

Code	Description	Length mm	Treatment	Carton metres
MV 65 110	BRN 35 divider	3000	Z 275	30
MV 65 111	BRN 50 divider	3000		30
MV 65 210	BRN 35 divider	3000	GAC	30
MV 65 211	BRN 50 divider	3000		30

Note: The divider may be used from width 155 (BRN range).
For the BRN 65 and BRN 80 ranges ask for specifications.

BRN Range

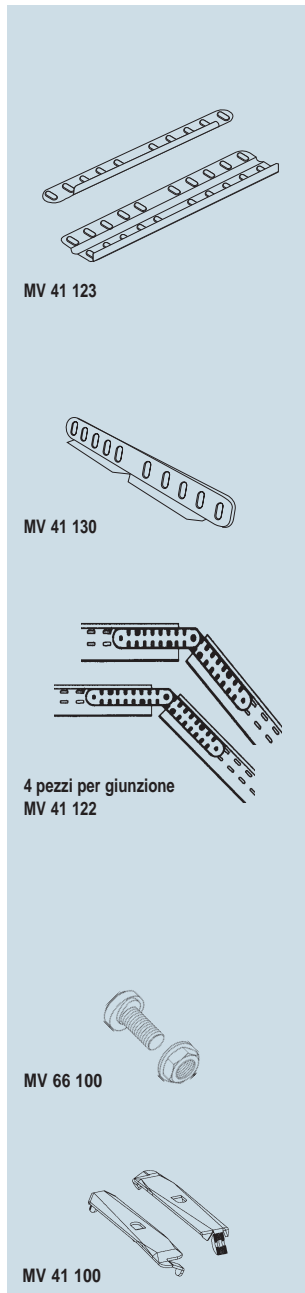
Speed-lock coupler

Code	Description	Treatment	Carton Qty.
MV 41 110	BRN 35 speed-lock coupler	Z 275	20/100
MV 41 112	BRN 35 speed-lock coupler		20/100
MV 41 111	BRN 50 speed-lock coupler		20/100
MV 41 113	BRN 50 speed-lock coupler		20/100
MV 41 212	BRN 35 speed-lock coupler	GAC	20/100
MV 41 213	BRN 50 speed-lock coupler		20/100

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Technical sheets: page 309

Galvanized steel cable tray systems with transverse ribbing



BRN Range

Splice plate - coupler to be bolted

Code	Description	Pack/Carton Qty.
MV 41 120	BRN 35-50 rigid coupler	100
MV 41 122	BRN 35-50 rigid coupler	40/240
MV 41 121	BRN 65-80 rigid coupler	100
MV 41 123	BRN 65-80 rigid coupler	20/120
MV 41 222	BRN 35-50 rigid coupler	100
MV 41 223	BRN 65-80 rigid coupler	100

BRN Range

Adjustable coupler

Code	Description	Carton Qty.
MV 41 130	BRN 35-50 adjustable coupler	240
MV 41 131	BRN 65-80 adjustable coupler	120

BRN Range

Vertical hinged coupler - 4 pieces

Code	Description	Pack/Carton Qty.
MV 41 122	BRN 35-50	40/240
MV 41 140	BRN 65-80 lenght 275	20/120
MV 41 222	BRN 35-50	100
MV 41 240	BRN 65-80 lenght 275	100

BRN Range

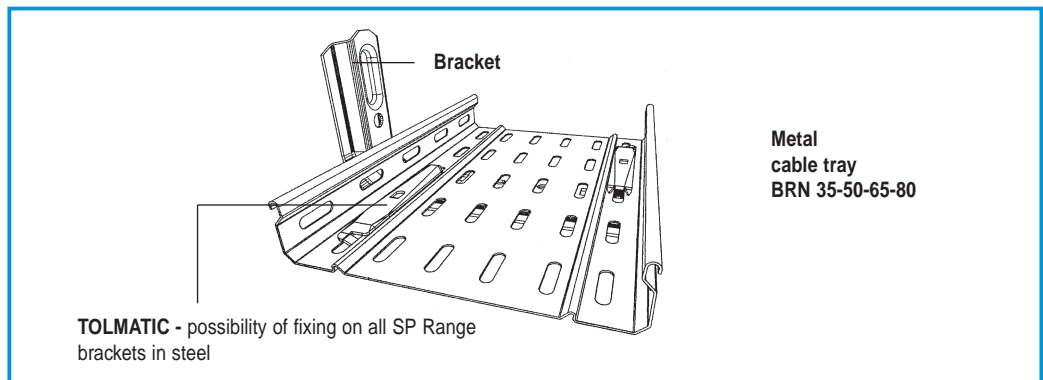
Bolts (mushroom head with flanged nut)

Code	Description	Pack/Carton Qty.
MV 66 100	M6x10 bolt	100/3000
MV 66 101	M6x14 bolt	100/3000
MV 66 200	M6x10 bolt	100/3000
MV 66 201	M6x14 bolt	100/3000

BRN Range

"TOLMATIC" fixing clip (boltless) for BRN bracket

Code	Description	Pack/Carton Qty.
MV 41 100	TOLMATIC BRN	100/1000

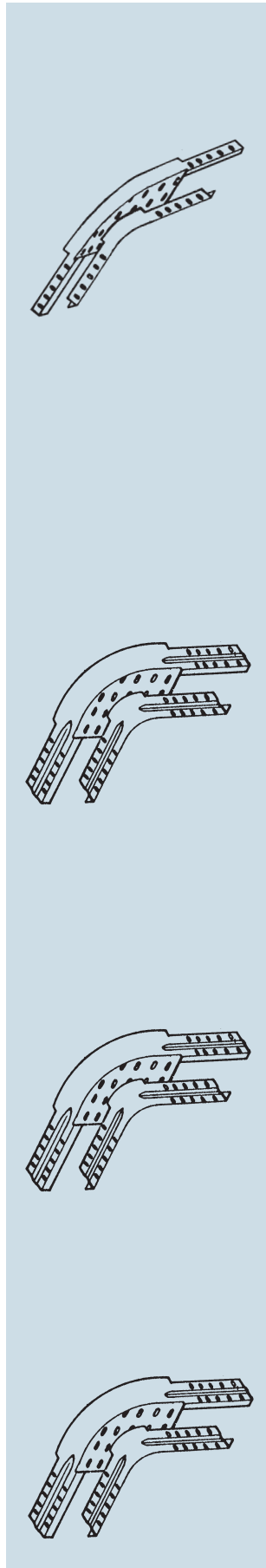


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BRN RANGE

Horizontal 90° elbows



BRN Range

BRN 35 horizontal 90° elbows

Code	Description	Width mm		Carton Qty.
MV 42 100	BRN 35 horizontal 90° elbows	65	Z 275	10
MV 42 101	BRN 35 horizontal 90° elbows	95		10
MV 42 102	BRN 35 horizontal 90° elbows	125		10
MV 42 103	BRN 35 horizontal 90° elbows	155		10
MV 42 104	BRN 35 horizontal 90° elbows	185		10
MV 42 105	BRN 35 horizontal 90° elbows	215		10
MV 42 106	BRN 35 horizontal 90° elbows	245		10
MV 42 108	BRN 35 horizontal 90° elbows	305		10
MV 42 110	BRN 35 horizontal 90° elbows	365		10
MV 42 111	BRN 35 horizontal 90° elbows	395		10

BRN Range

BRN 50 horizontal 90° elbows

Code	Description	Width mm		Carton Qty.
MV 42 120	BRN 50 horizontal 90° elbows	65	Z 275	10
MV 42 121	BRN 50 horizontal 90° elbows	95		10
MV 42 122	BRN 50 horizontal 90° elbows	125		10
MV 42 123	BRN 50 horizontal 90° elbows	155		10
MV 42 124	BRN 50 horizontal 90° elbows	185		10
MV 42 125	BRN 50 horizontal 90° elbows	215		10
MV 42 126	BRN 50 horizontal 90° elbows	245		10
MV 42 128	BRN 50 horizontal 90° elbows	305		10
MV 42 130	BRN 50 horizontal 90° elbows	365		8
MV 42 131	BRN 50 horizontal 90° elbows	395		8
MV 42 135	BRN 50 horizontal 90° elbows	515		4

BRN Range

BRN 65 horizontal 90° elbows

Code	Description	Width mm		Carton Qty.
MV 42 141	BRN 65 horizontal 90° elbows	95	Z 275	10
MV 42 145	BRN 65 horizontal 90° elbows	215		10
MV 42 148	BRN 65 horizontal 90° elbows	305		10
MV 42 151	BRN 65 horizontal 90° elbows	395		8
MV 42 155	BRN 65 horizontal 90° elbows	515		4
MV 42 157	BRN 65 horizontal 90° elbows	605		2

BRN Range

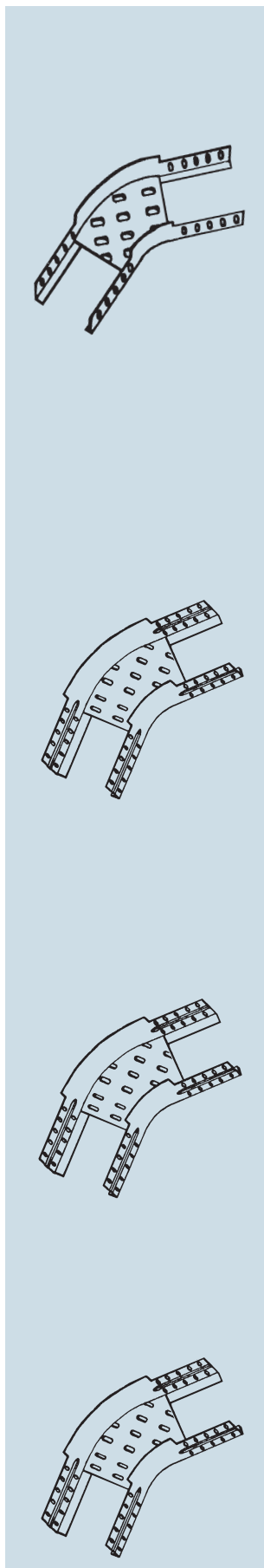
BRN 80 horizontal 90° elbows

Code	Description	Width mm		Carton Qty.
MV 42 162	BRN 80 horizontal 90° elbows	125	Z 275	10
MV 42 165	BRN 80 horizontal 90° elbows	215		10
MV 42 168	BRN 80 horizontal 90° elbows	305		10
MV 42 171	BRN 80 horizontal 90° elbows	395		8
MV 42 175	BRN 80 horizontal 90° elbows	515		4
MV 42 177	BRN 80 horizontal 90° elbows	605		2

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Horizontal 135° elbows



BRN Range

BRN 35 horizontal 135° elbows

Code	Description	Width mm	Carton Qty.
MV 43 100	BRN 35 horizontal 135° elbows	65	10
MV 43 101	BRN 35 horizontal 135° elbows	95	10
MV 43 102	BRN 35 horizontal 135° elbows	125	10
MV 43 103	BRN 35 horizontal 135° elbows	155	10
MV 43 104	BRN 35 horizontal 135° elbows	185	10
MV 43 105	BRN 35 horizontal 135° elbows	215	10
MV 43 106	BRN 35 horizontal 135° elbows	245	10
MV 43 108	BRN 35 horizontal 135° elbows	305	10
MV 43 110	BRN 35 horizontal 135° elbows	365	10
MV 43 111	BRN 35 horizontal 135° elbows	395	10

BRN Range

BRN 50 horizontal 135° elbows

Code	Description	Width mm	Carton Qty.
MV 43 120	BRN 50 horizontal 135° elbows	65	10
MV 43 121	BRN 50 horizontal 135° elbows	95	10
MV 43 122	BRN 50 horizontal 135° elbows	125	10
MV 43 123	BRN 50 horizontal 135° elbows	155	10
MV 43 124	BRN 50 horizontal 135° elbows	185	10
MV 43 125	BRN 50 horizontal 135° elbows	215	10
MV 43 126	BRN 50 horizontal 135° elbows	245	10
MV 43 128	BRN 50 horizontal 135° elbows	305	10
MV 43 130	BRN 50 horizontal 135° elbows	365	10
MV 43 131	BRN 50 horizontal 135° elbows	395	10
MV 43 135	BRN 50 horizontal 135° elbows	515	10

BRN Range

BRN 65 horizontal 135° elbows

Code	Description	Width mm	Carton Qty.
MV 43 141	BRN 65 horizontal 135° elbows	95	10
MV 43 145	BRN 65 horizontal 135° elbows	215	10
MV 43 148	BRN 65 horizontal 135° elbows	305	10
MV 43 151	BRN 65 horizontal 135° elbows	395	10
MV 43 155	BRN 65 horizontal 135° elbows	515	10
MV 43 157	BRN 65 horizontal 135° elbows	605	10

BRN Range

BRN 80 horizontal 135° elbows

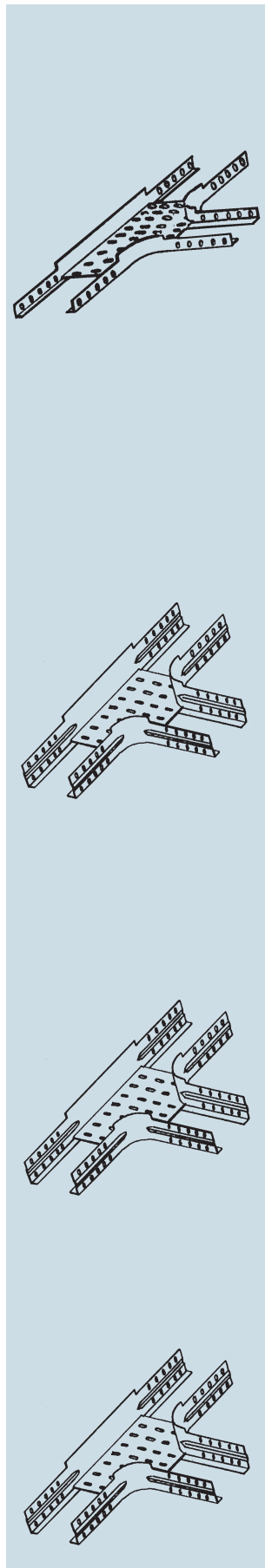
Code	Description	Width mm	Carton Qty.
MV 43 162	BRN 80 horizontal 135° elbows	125	10
MV 43 165	BRN 80 horizontal 135° elbows	215	10
MV 43 168	BRN 80 horizontal 135° elbows	305	10
MV 43 171	BRN 80 horizontal 135° elbows	395	10
MV 43 175	BRN 80 horizontal 135° elbows	515	10
MV 43 177	BRN 80 horizontal 135° elbows	605	10

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BRN RANGE

Horizontal tees



BRN Range BRN 35 horizontal tees

Code	Description	Width mm	Carton Qty.
MV 46 100	BRN 35 horizontal tees	65	10
MV 46 101	BRN 35 horizontal tees	95	10
MV 46 102	BRN 35 horizontal tees	125	10
MV 46 103	BRN 35 horizontal tees	155	10
MV 46 104	BRN 35 horizontal tees	185	10
MV 46 105	BRN 35 horizontal tees	215	10
MV 46 106	BRN 35 horizontal tees	245	10
MV 46 108	BRN 35 horizontal tees	305	10
MV 46 110	BRN 35 horizontal tees	365	8
MV 46 111	BRN 35 horizontal tees	395	6

BRN Range BRN 50 horizontal tees

Code	Description	Width mm	Carton Qty.
MV 46 120	BRN 50 horizontal tees	65	10
MV 46 121	BRN 50 horizontal tees	95	10
MV 46 122	BRN 50 horizontal tees	125	10
MV 46 123	BRN 50 horizontal tees	155	10
MV 46 124	BRN 50 horizontal tees	185	10
MV 46 125	BRN 50 horizontal tees	215	10
MV 46 126	BRN 50 horizontal tees	245	10
MV 46 128	BRN 50 horizontal tees	305	10
MV 46 130	BRN 50 horizontal tees	365	6
MV 46 131	BRN 50 horizontal tees	395	6
MV 46 135	BRN 50 horizontal tees	515	4

BRN Range BRN 65 horizontal tees

Code	Description	Width mm	Carton Qty.
MV 46 141	BRN 65 horizontal tees	95	10
MV 46 145	BRN 65 horizontal tees	215	10
MV 46 148	BRN 65 horizontal tees	305	10
MV 46 151	BRN 65 horizontal tees	395	6
MV 46 155	BRN 65 horizontal tees	515	4
MV 46 157	BRN 65 horizontal tees	605	2

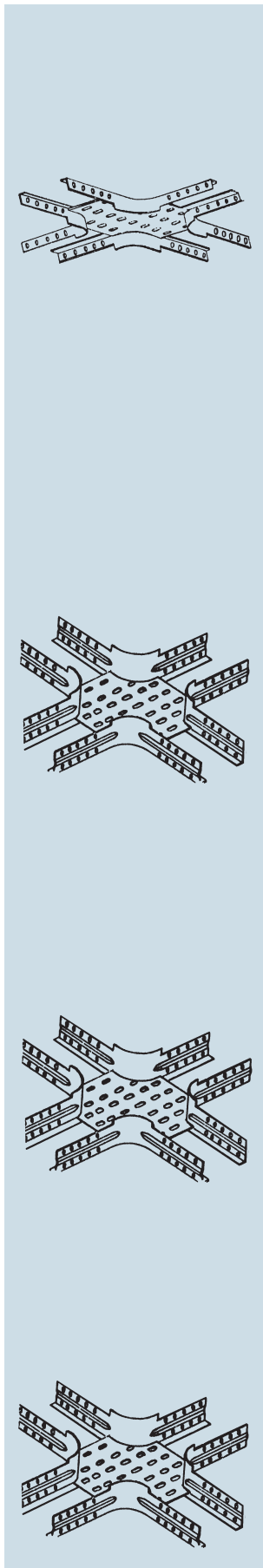
BRN Range BRN 80 horizontal tees

Code	Description	Width mm	Carton Qty.
MV 46 162	BRN 80 horizontal tees	125	10
MV 46 165	BRN 80 horizontal tees	215	10
MV 46 168	BRN 80 horizontal tees	305	10
MV 46 171	BRN 80 horizontal tees	395	6
MV 46 175	BRN 80 horizontal tees	515	4
MV 46 177	BRN 80 horizontal tees	605	2

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Horizontal crosses



BRN Range

BRN 35 horizontal cross

Code	Description	Width mm	Carton Qty.
MV 47 100	BRN 35 horizontal cross	65	10
MV 47 101	BRN 35 horizontal cross	95	10
MV 47 102	BRN 35 horizontal cross	125	10
MV 47 103	BRN 35 horizontal cross	155	10
MV 47 104	BRN 35 horizontal cross	185	10
MV 47 105	BRN 35 horizontal cross	215	10
MV 47 106	BRN 35 horizontal cross	245	10
MV 47 108	BRN 35 horizontal cross	305	8
MV 47 110	BRN 35 horizontal cross	365	6
MV 47 111	BRN 35 horizontal cross	395	6

BRN Range

BRN 50 horizontal cross

Code	Description	Width mm	Carton Qty.
MV 47 120	BRN 50 horizontal cross	65	10
MV 47 121	BRN 50 horizontal cross	95	10
MV 47 122	BRN 50 horizontal cross	125	10
MV 47 123	BRN 50 horizontal cross	155	10
MV 47 124	BRN 50 horizontal cross	185	10
MV 47 125	BRN 50 horizontal cross	215	8
MV 47 126	BRN 50 horizontal cross	245	8
MV 47 128	BRN 50 horizontal cross	305	6
MV 47 130	BRN 50 horizontal cross	365	6
MV 47 131	BRN 50 horizontal cross	395	4
MV 47 135	BRN 50 horizontal cross	515	4

BRN Range

BRN 65 horizontal cross

Code	Description	Width mm	Carton Qty.
MV 47 141	BRN 65 horizontal cross	95	10
MV 47 145	BRN 65 horizontal cross	215	8
MV 47 148	BRN 65 horizontal cross	305	6
MV 47 151	BRN 65 horizontal cross	395	4
MV 47 155	BRN 65 horizontal cross	515	4
MV 47 157	BRN 65 horizontal cross	605	2

BRN Range

BRN 80 horizontal cross

Code	Description	Width mm	Carton Qty.
MV 47 162	BRN 80 horizontal cross	125	10
MV 47 165	BRN 80 horizontal cross	215	8
MV 47 168	BRN 80 horizontal cross	305	6
MV 47 171	BRN 80 horizontal cross	395	4
MV 47 175	BRN 80 horizontal cross	515	4
MV 47 177	BRN 80 horizontal cross	605	2

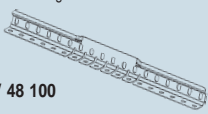
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BRN RANGE


Horizontal 90° and 135° elbows

Internal folding slotted angle:
dimensions for 90° elbow
cut to Length=348.5 for 135° elbow



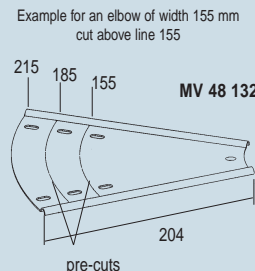
MV 48 100

External folding slotted angle
to cut according to the width of the cable trays




MV 48 101

Example for an elbow of width 155 mm
cut above line 155



MV 48 132

pre-cuts



BRN Range

BRN 35 folding perforated angle (kit)

Code	Description	Length mm	Carton Qty.
MV 48 100	BRN 35 internal folding perforated angle 90°/135° elbows kit	409.2	Z 275
MV 48 101	BRN 35 external folding perforated angle 90°/135° elbows kit	1077	

BRN Range

BRN 50 horizontal folding perforated angle (kit)

Code	Description	Length mm	Carton Qty.
MV 48 102	BRN 50 internal folding perforated angle 90°/135° elbows kit	409.2	Z 275
MV 48 103	BRN 50 external folding perforated angle 90°/135° elbows kit	1359	

BRN Range

BRN 30-50 pre-cut 45° bottom for kit elbows

Code	Description	Length mm	Carton Qty.
MV 48 131	45° Pre-cut bottom	65/95/125	Z 275
MV 48 132	45° Pre-cut bottom	155/185/215	
MV 48 133	45° Pre-cut bottom	245/275/305	Z 275
MV 48 134	45° Pre-cut bottom	335/365/395/425	
MV 48 135	45° Pre-cut bottom	455/485/515	

Provision: 2 pre-cut 45° surfaces for a 90° elbow
Pre-cut perforated bottoms of a width of 545/605 mm on request

BRN Range

Bolt for elbow kits

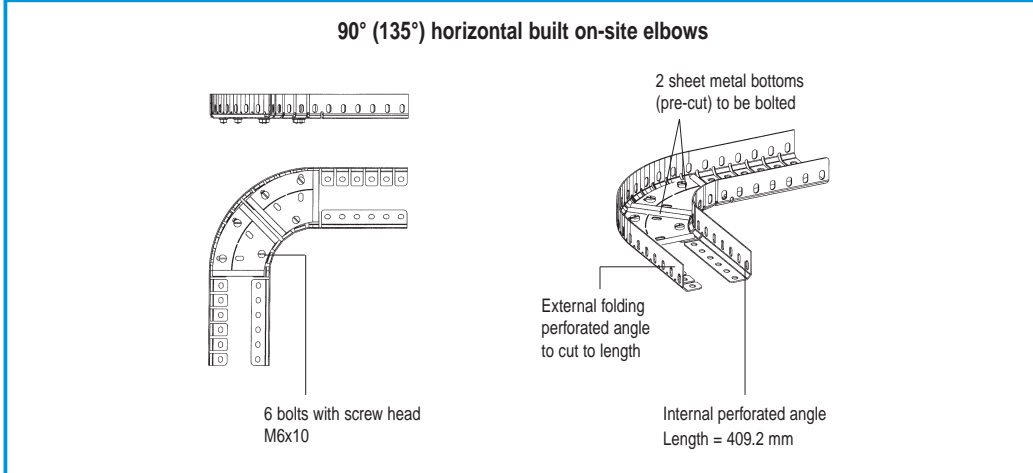
Code	Description	Pack/Carton Qty.
MV 66 100	M6x10 bolt (mushroom head + flanged nut)	BICHRO 100/3000

Provision: 3 bolts for 135° elbows
6 bolts for 90° elbows

N.B. 100 = 1 bag of 100 bolts



90° (135°) horizontal built on-site elbows



6 bolts with screw head
M6x10

2 sheet metal bottoms
(pre-cut) to be bolted

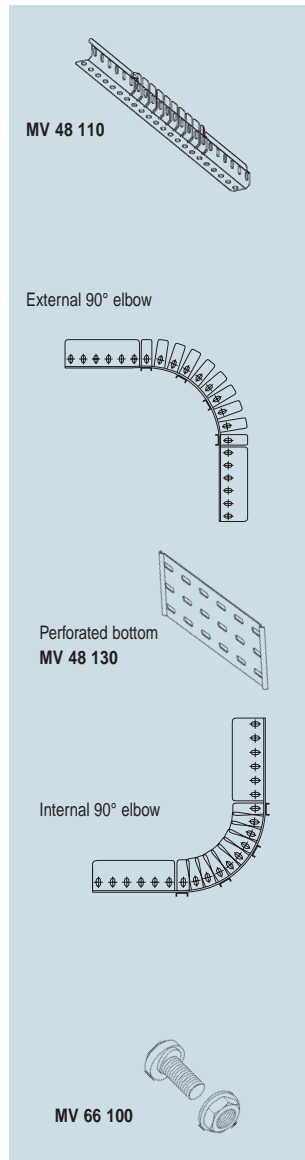
External folding
perforated angle
to cut to length

Internal perforated angle
Length = 409.2 mm

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Vertical built on-site elbows



Parts required to fit an internal or external vertical elbow on the base of the bottom sheet metal following the width of the BRN cable trays

BRN WIDTH	2 FOLDING ANGLE SECTIONS	1 BOTTOM TO CUT
65	Length = 513 mm	294x 60 mm
95	Length = 513 mm	294x 90 mm
125	Length = 513 mm	294x120 mm
155	Length = 513 mm	294x150 mm
185	Length = 513 mm	294x180 mm
215	Length = 513 mm	294x210 mm
245	Length = 513 mm	294x240 mm
305	Length = 513 mm	294x300 mm
365	Length = 513 mm	294x360 mm
395	Length = 513 mm	294x390 mm
515	Length = 513 mm	294x480 mm
605	Length = 513 mm	294x600 mm

BRN Range

BRN 35 folding perforated angle for internal or external vertical elbows

Code	Description	Length mm	Pack/Carton Qty.
MV 48 110	Folding perforated angle	513 [Z 275]	10
MV 48 130	Perforated bottom 300x660 mm to cut		10
MV 66 100	M6x10 Bolt		100/3000

BRN Range

BRN 50 folding perforated angle for internal or external vertical elbows

Code	Description	Length mm	Pack/Carton Qty.
MV 48 111	Folding perforated angle	513 [Z 275]	10
MV 48 130	Perforated bottom 300x660 mm to cut		10
MV 66 100	M6x10 Bolt		100/3000

BRN Range

BRN 65 folding perforated angle for internal or external vertical elbows

Code	Description	Length mm	Pack/Carton Qty.
MV 48 112	Folding perforated angle	513 [Z 275]	10
MV 48 130	Perforated bottom 300x660 mm to cut		10
MV 66 100	M6x10 Bolt		100/3000

BRN Range

BRN 80 folding perforated angle for internal or external vertical elbows

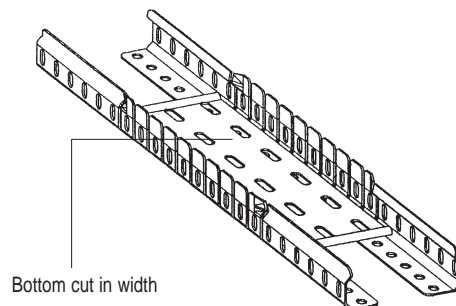
Code	Description	Length mm	Pack/Carton Qty.
MV 48 113	Folding perforated angle	513 [Z 275]	10
MV 48 130	Perforated bottom 300x660 mm to cut		10
MV 66 100	M6x10 Bolt		100/3000

100 = 1 bag of 100 bolts



Installation with perforated bottom

Inside/outside folding perforated angle
Length: 513
BRN 30-50-65 or 80

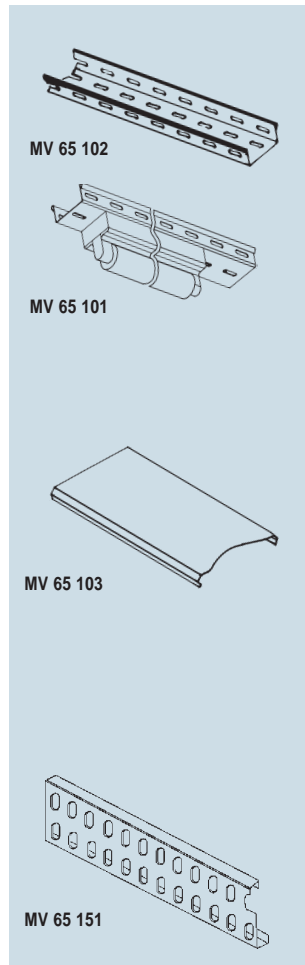


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BR RANGE

Galvanized steel cable trays



BR Range

BR 30 galvanized steel cable trays

Code	Description	Width mm		Carton metres
MV 65 102	BR 30 - 30 mm	35	[Z 275]	30
MV 65 101	BR 30 - 30 mm for BR 30 luminaires installation	65		30

Note: Use coupling code MV 41 122.

BR Range

Cover for BR 30 (length 2 metres)

Code	Description	Width mm		Carton metres
MV 65 103	BR 30 Cover	35	[Z 275]	20
MV 65 104	BR 65 Cover	65		20

BR Range

Telex profile (length 2 metres)

Code	Description	Width mm		Carton metres
MV 65 150	Telex C profile	30	[Z 275]	20
MV 65 151	Telex C profile	50		20
MV 65 152	Telex C profile	75		20



COATING WITH GREY POLYESTER EPOXY POWDER ON REQUEST

An original, cost-effective finish with polyester epoxy powder coated on pre-galvanized cable trays fire rating M1 ensures twofold protection for the surface of the supports and cable trays (coating made on pre-galvanized sheet metal Z 275). This double protection has five advantages:

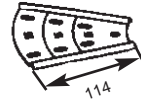
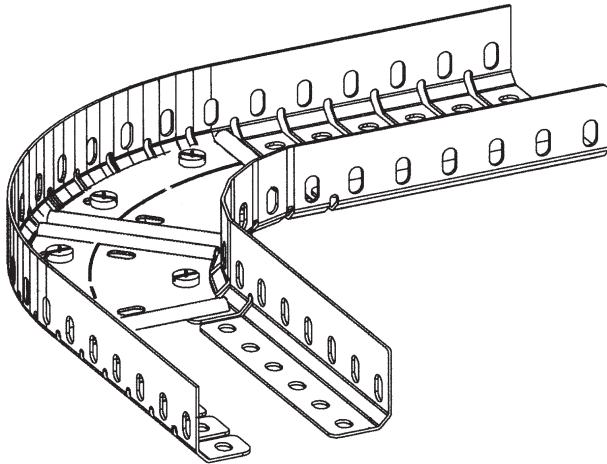
- 1) High corrosion resistance
Corrosion resistance according to NF X 41-002 acid rain standards
- 2) Heat resistance
- 3) UV-ray resistance
- 4) Matching surroundings coloured red RAL 3020, grey RAL 7030 and other RAL colours on request
- 5) Identification of each cable tray route with colours

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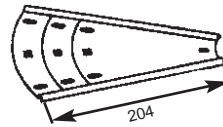
Technical sheets: page 315



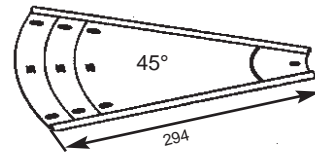
BRN Range horizontal built on-site elbows - Synergy of economy and technology



Width 65/95/125



Width 155/185/215

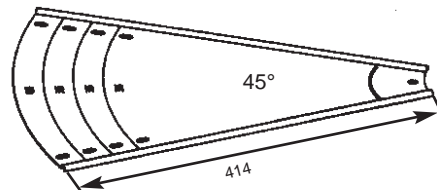


Width 245/275/305

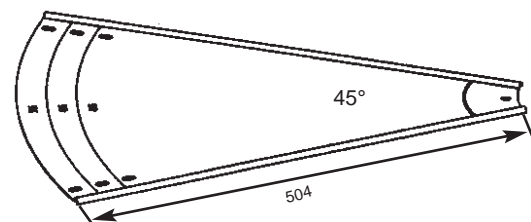
BUILT ON-SITE ELBOW COMPRISING ONE OR TWO PRE-CUT SHEET METAL BOTTOMS AND TWO FOLDING PERFORATED ANGLES

To make a 90°/135° elbow requires the following:

- 1 Internal folding perforated angle for all cable tray widths, height as preferred, BRN 35 or BRN 50
- 1 External folding perforated angle for all cable tray widths, height as preferred, BRN 35 or BRN 50.
Adjust the length according to the cable trays.
- 5 Pre-cut bottoms as preferred.
It is sufficient to cut along the tracing to get the required size.
- 6 Bolts M6x10 to assemble a 90° elbow.
- 2 Pre-cut 45° bottoms to assemble a 90° elbow.



Width 335/365/395/425



Width 455/485/515