Ebo Systems

Cable trays in GRP
K^2 series - pressed

Challenging time

Composites FRP/GRP

A material whose features challenge time.

Five reasons to choose composites :

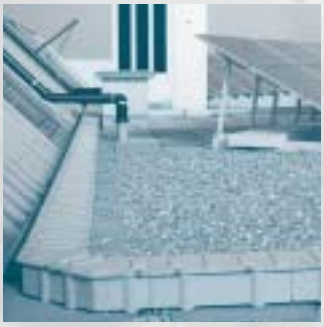
1 Resistance to corrosion
2 Insulating
3 Extremely robust and light
4 Long life span
5 Excellent fire characteristics

Pultruded cable trays
KP series

Pressed cable trays

Pultruded cable Ladders
UL series

Supporting material
FX and FP series



Cable ducting system
BK series

Ebo Systems :
40 years of experience
in the manufacture of
composite materials.

Cable trays *K² series* : to *double* your performance

To ***reduce*** your installation time by ***up to 50%*** with :
- a system without interlocking screws and with self-adjustable couplings,
- 188 fittings to allow all configurations,
- a complete system, available from stock.

To ***increase*** the life span of your installation* using glass reinforced polyester (GRP) technology.

Summary

Advantages of GRP cable trays *K² series* 4

The *K² series* : cable trays and fittings in GRP 6

The *K² series* : multiple applications 9

How to choose your cable trays *K² series* 10

Technical features of the *K² series* 12

Method of installation : cable trays 18

Method of installation : fittings 19

Reference guide

KK | B | A | 3 | 0 | 0 | 8 | 0 / VY - RAL 9001 -

- series name
- function - fittings
- width
- height

options : - resin : acrylic (AC), vinylester (VY), special (SP)
- RAL color
- ...

(*) This gain in life span is variable according to applications ; the gain is much more marked when comparing a GRP installation to galvanised steel in a very corrosive environment (eg : coastal sites, road tunnels...)

No corrosion

- Examples available of products in situ in aggressive environment for more than 40 years
- No electrolytic corrosion
- No need for painting and protective varnishes

The world's widest range

19 dimensions of cable trays available from stock
188 fittings available

Insulating

- Extremely insulating material (>7kV/m)
- No need to earth
- Excellent cable protection

Easy installation

- Interlocking and self-adjustable couplings
- No screws required

- No sharp edges
- No risk of injury

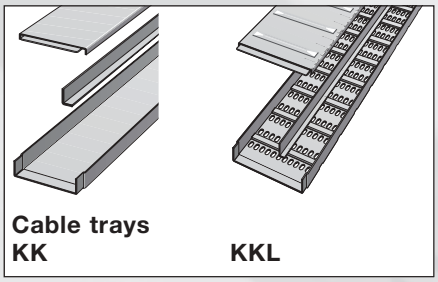
Maximum fire security

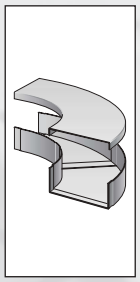
- Self-extinguishing, without toxic fumes
- Answers to the most demanding international fire norms
- Zero halogen
- Low thermal conductivity
- Allows cables to keep their electric function longer

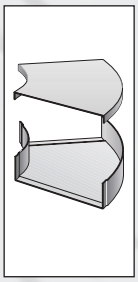
- Light and robust
- Optimal transportation and handling

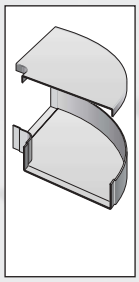
Tailor-made solutions

To complement the possibilities of the K^2 system

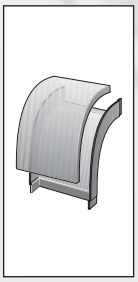


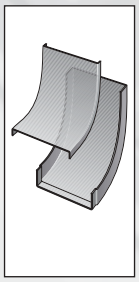


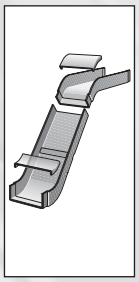


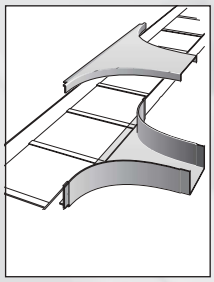


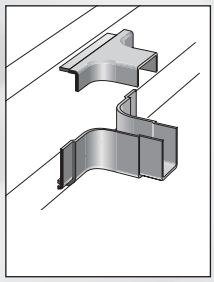
Height (mm)	Width (mm)		non perforated	perforated	separation	horizontal elbow 90° (large rad)	horizontal elbow 45° (large rad)	horizontal elbow 90° (small rad)
50	50	cable tray	KK 5050	KKL 5050	standard KK T50 ready mounted KK T50/M			KK W5050
		cover	KK D50					KK WD50
	100	cable tray	KK 10050	KKL 10050		KK B10050	KK C10050	KK W10050
		cover	KK D100			KK BD100	KK CD100	KK WD100
	150	cable tray	KK 15050	KKL 15050		KK B15050	KK C15050	KK W15050
		cover	KK D150			KK BD150	KK CD150	KK WD150
	200	cable tray	KK 20050	KKL 20050		KK B20050	KK C20050	KK W20050
		cover	KK D200			KK BD200	KK CD200	KK WD200
	300	cable tray	KK 30050	KKL 30050		KK B30050	KK C30050	KK W30050
		cover	KK D300			KK BD300	KK CD300	KK WD300
80	100	cable tray	KK 10080	KKL 10080	standard KK T80 ready mounted KK T80/M	KK B10080	KK C10080	KK W10080
		cover	KK D100			KK BD100	KK CD100	KK WD100
	150	cable tray	KK 15080	KKL 15080		KK B15080	KK C15080	KK W15080
		cover	KK D150			KK BD150	KK CD150	KK WD150
	200	cable tray	KK 20080	KKL 20080		KK B20080	KK C20080	KK W20080
		cover	KK D200			KK BD200	KK CD200	KK WD200
	250	cable tray	KK 25080	KKL 25080		KK B25080	KK C25080	KK W25080
		cover	KK D250			KK BD250	KK CD250	KK WD250
	300	cable tray	KK 30080	KKL 30080		KK B30080	KK C30080	KK W30080
		cover	KK D300			KK BD300	KK CD300	KK WD300
	400	cable tray	KK 40080	KKL 40080		KK B40080	KK C40080	KK W40080
		cover	KK D400			KK BD400	KK CD400	KK WD400
	500	cable tray	KK 50080	KKL 50080		KK B50080	KK C50080	KK W50080
		cover	KK D500			KK BD500	KK CD500	KK WD500
	600	cable tray	KK 60080	KKL 60080		KK B60080	KK C60080	KK W60080
		cover	KK D600			KK BD600	KK CD600	KK WD600
110	100	cable tray	KK 100110	KKL 100110	standard KK T110 ready mounted KK T110/M	KK B100110	KK C100110	KK W100110
		cover	KK D100			KK BD100	KK CD100	KK WD100
	200	cable tray	KK 200110	KKL 200110		KK B200110	KK C200110	KK W200110
		cover	KK D200			KK BD200	KK CD200	KK WD200
	300	cable tray	KK 300110	KKL 300110		KK B300110	KK C300110	KK W300110
		cover	KK D300			KK BD300	KK CD300	KK WD300
	400	cable tray	KK 400110	KKL 400110		KK B400110	KK C400110	KK W400110
		cover	KK D400			KK BD400	KK CD400	KK WD400
	500	cable tray	KK 500110	KKL 500110		KK B500110	KK C500110	KK W500110
		cover	KK D500			KK BD500	KK CD500	KK WD500
	600	cable tray	KK 600110	KKL 600110		KK B600110	KK C600110	KK W600110
		cover	KK D600			KK BD600	KK CD600	KK WD600
unit			3 m			piece	piece	piece

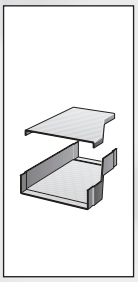


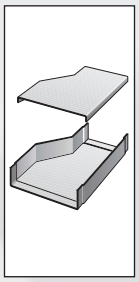


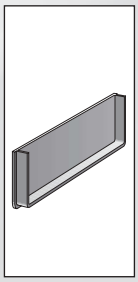




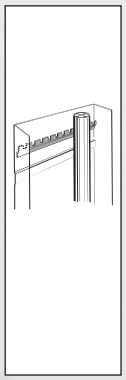


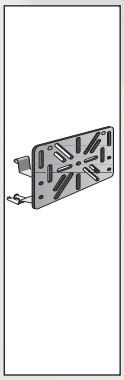


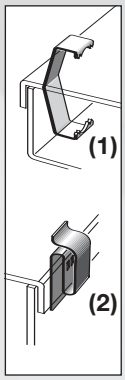


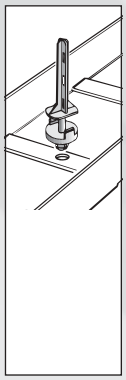


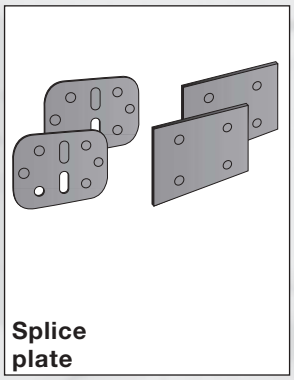
Exterior elbow 90°	Interior elbow 90°	Changing elevation 45°	T-Junction (large rad)	T-Junction (small rad)	Left hand reduction	Right hand reduction	Endcap
KK BA5050	KK BI5050			KK SS5050			KK KE5050
KK BAD5050	KK BID5050			KK SSD50			
KK BA10050	KK BI10050	KK ET10050	KK ST10050	KK SS10050			KK KE10050
KK BAD10050	KK BID10050	KK ETD10050	KK STD100	KK SSD100			
KK BA15050	KK BI15050	KK ET15050	KK ST15050	KK SS15050			KK KE15050
KK BAD15050	KK BID15050	KK ETD15050	KK STD150	KK SSD150			
KK BA20050	KK BI20050	KK ET20050	KK ST20050	KK SS20050	KK RL20050	KK RR20050	KK KE20050
KK BAD20050	KK BID20050	KK ETD20050	KK STD200	KK SSD200	KK RLD200	KK RRD200	
KK BA30050	KK BI30050	KK ET30050	KK ST30050	KK SS30050	KK RL30050	KK RR30050	KK KE30050
KK BAD30050	KK BID30050	KK ETD30050	KK STD300	KK SSD300	KK RLD300	KK RRD300	
KK BA10080	KK BI10080	KK ET10080	KK ST10080	KK SS10080			KK KE10080
KK BAD10080	KK BID10080	KK ETD10080	KK STD100	KK SSD100			
KK BA15080	KK BI15080	KK ET15080	KK ST15080	KK SS15080			KK KE15080
KK BAD15080	KK BID15080	KK ETD15080	KK STD150	KK SSD150			
KK BA20080	KK BI20080	KK ET20080	KK ST20080	KK SS20080	KK RL20080	KK RR20080	KK KE20080
KK BAD20080	KK BID20080	KK ETD20080	KK STD200	KK SSD200	KK RLD200	KK RRD200	
KK BA25080	KK BI25080	KK ET25080	KK ST25080	KK SS25080			KK KE25080
KK BAD25080	KK BID25080	KK ETD25080	KK STD250	KK SSD250			
KK BA30080	KK BI30080	KK ET30080	KK ST30080	KK SS30080	KK RL30080	KK RR30080	KK KE30080
KK BAD30080	KK BID30080	KK ETD30080	KK STD300	KK SSD300	KK RLD300	KK RRD300	
KK BA40080	KK BI40080	KK ET40080	KK ST40080		KK RL40080	KK RR40080	KK KE40080
KK BAD40080	KK BID40080	KK ETD40080	KK STD400		KK RLD400	KK RRD400	
KK BA50080	KK BI50080	KK ET50080	KK ST50080		KK RL50080	KK RR50080	KK KE50080
KK BAD50080	KK BID50080	KK ETD50080	KK STD500		KK RLD500	KK RRD500	
KK BA60080	KK BI60080	KK ET60080	KK ST60080		KK RL60080	KK RR60080	KK KE60080
KK BAD60080	KK BID60080	KK ETD60080	KK STD600		KK RLD600	KK RRD600	
KK BA100110	KK BI100110	KK ET100110	KK ST100110				KK KE100110
KK BAD100110	KK BID100110	KK ETD100110	KK STD100				
KK BA200110	KK BI200110	KK ET200110	KK ST200110		KK RL200110	KK RR200110	KK KE200110
KK BAD200110	KK BID200110	KK ETD200110	KK STD200		KK RLD200	KK RRD200	
KK BA300110	KK BI300110	KK ET300110	KK ST300110		KK RL300110	KK RR300110	KK KE300110
KK BAD300110	KK BID300110	KK ETD300110	KK STD300		KK RLD300	KK RRD300	
KK BA400110	KK BI400110	KK ET400110	KK ST400110		KK RL400110	KK RR400110	KK KE400110
KK BAD400110	KK BID400110	KK ETD400110	KK STD400		KK RLD400	KK RRD400	
KK BA500110	KK BI500110	KK ET500110	KK ST500110		KK RL500110	KK RR500110	KK KE500110
KK BAD500110	KK BID500110	KK ETD500110	KK STD500		KK RLD500	KK RRD500	
KK BA600110	KK BI600110	KK ET600110	KK ST600110		KK RL600110	KK RR600110	KK KE600110
KK BAD600110	KK BID600110	KK ETD600110	KK STD600		KK RLD600	KK RRD600	
piece	piece	piece	piece	piece	piece	piece	piece

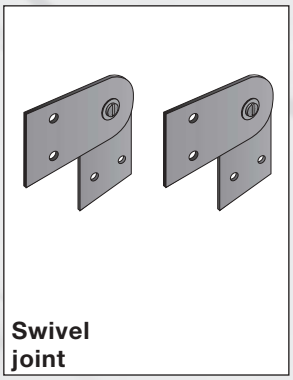




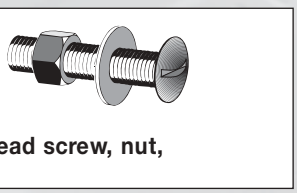





Splice plate


Swivel joint

Height (mm)	Width (mm)	Cable rack for vertical mounting	Mounting plate	Cover clip	Separator stud	stain-less steel	polyester	stainless steel	polyester
50	50		MP 50	**standard (1)** DF 50 **universal (2)** DF 1060	TB	KK IH50	KK GH50	KK IV50	KK GV50
	100	KR100							
	150	KR150							
	200	KR200							
	300	KR300							
80	100	KR100	MP 80	**standard (1)** DF 80 **universal (2)** DF 1060	TB	KK IH80	KK GH80	KK IV80	KK GV80
	150	KR150							
	200	KR200							
	250	KR250							
	300	KR300							
	400	KR400							
	500	KR500							
	600	KR600							
110	200	KR200	MP 110	**standard (1)** DF 100 **universal (2)** DF 1060	TB	KK IH110	KK GH110	KK IV110	KK GV110
	300	KR300							
	400	KR400							
	500	KR500							
	600	KR600							
Unit		piece	piece	piece	piece	set	set	set	set


Dome head screw, nut, washer

diameter (mm)	length (mm)	V4A steel	Polyamide
6	16	M616/V4A-DOM	
	20	M620/V4A-DOM	
8	20		M820/PA6-DOM
10	30	M1030/V4A-DOM	*
Unit		100 pieces	

* : for polyamide screw, reference M1030/PA6, please consult us

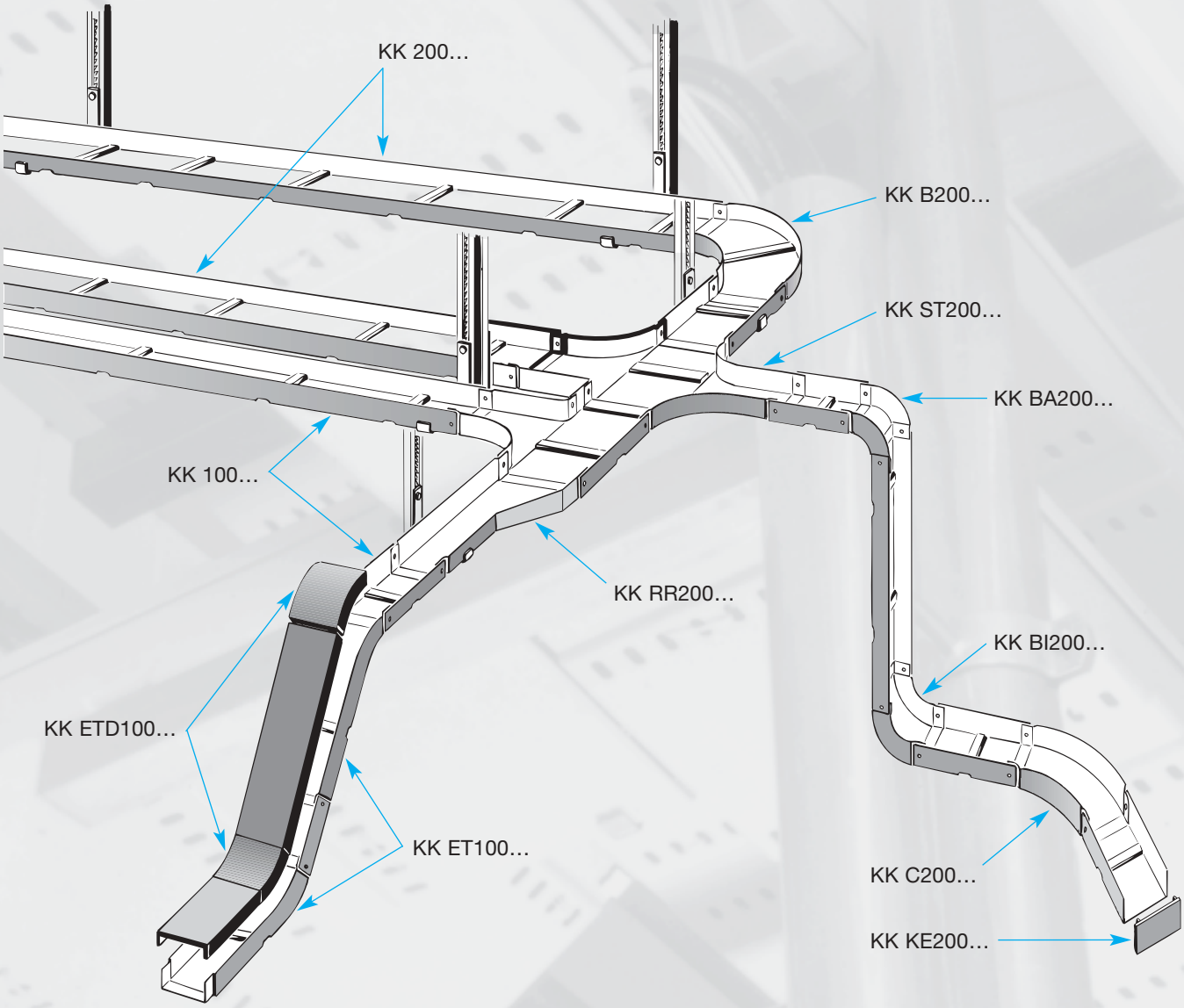
The K^2 series : multiple applications

Transport
trackside, road and railway tunnels, bridges, stations, boatyards...

Transformation industries
chemical and petrochemical, agriculture and food industries, textile and paper industries...

Energy Distribution
water and recycling, power stations, nuclear plants, extraction and mining, gas...

Tertiary sector
public buildings, administrative, banks, telecommunication...



How to choose your cable trays K^2 series

Choosing the best suited product for your application is an essential stage for the restraint of costs and the long-term benefit of your installation.

Ebo systems proposes a complete range that answers :

- your needs in term of cable capacity,
- the diversity of your installation in term of configuration and dimensions,
- your need for reliable and rapid installation time.

Cable trays K^2 series : the best choice for your industrial applications

The K^2 range has especially been designed to offer :

- **maximum mechanical resistance :** deflection [1] < 5 mm (1/300) taking into consideration the reference and the level of fill [2].
- **a fast and sure installation :** new system of interlocking and self adjustable couplings, without bolts.
- **a guarantee of security :** Ebo System cable trays have a built in coefficient of safety > 1,7 (in accordance with the international norm IEC 61537).

cable trays with expansion joint

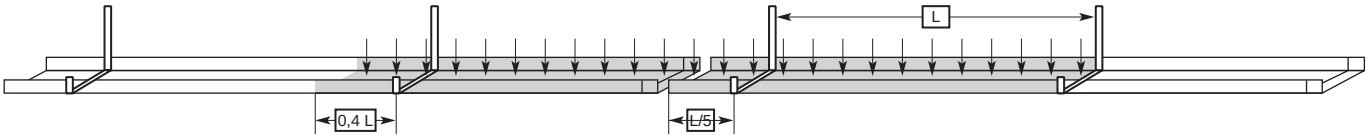
*(1) In certain cases it may be necessary to use supporting distances > 1,5 metres. It may be possible, using certain precautions, to use the K^2 series, (please consult Ebo Systems for specific information) or the **KP** or **UL** series for optimum results.*

(2) Cable trays are designed to support loads bound solely to the weight of cables.

Recommended rate of replenishment

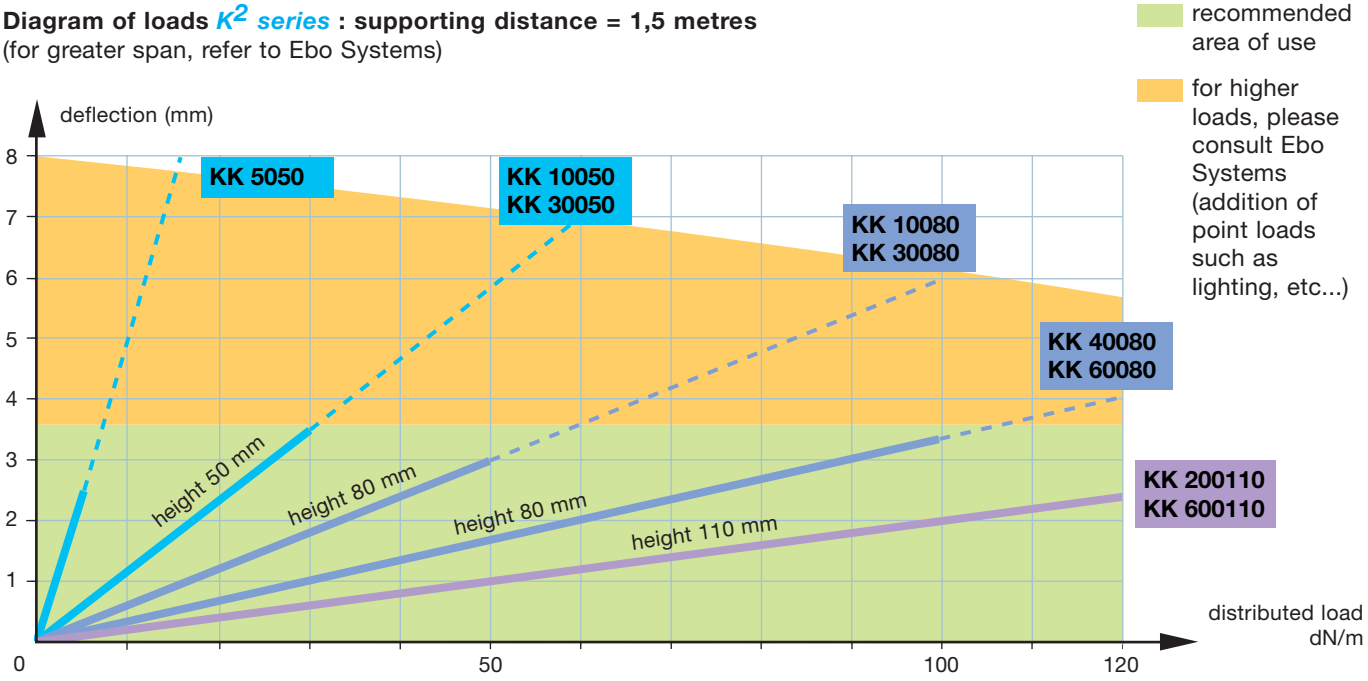
In order to anticipate future needs of your installation, and to ensure cables function correctly, Ebo Systems recommends **a maximum fill of 50%**.

Test conditions
All our cable trays are tested below according to the diagram at an ambient temperature of 25°C.

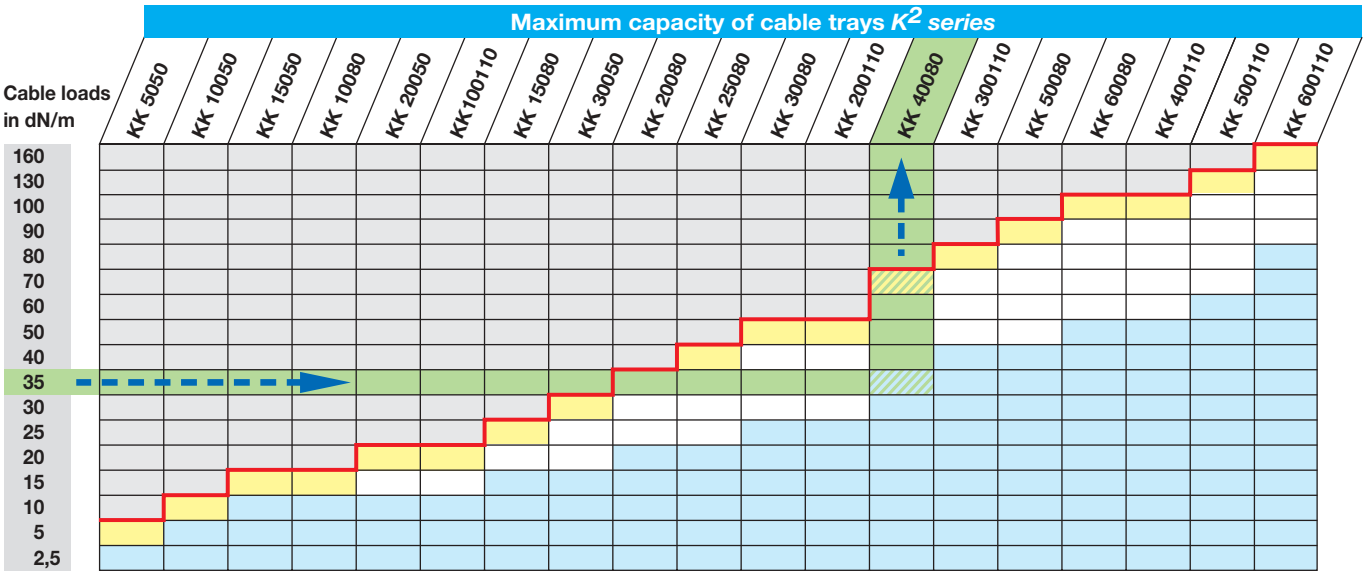


L = supporting distance

Diagram of loads *K² series* : supporting distance = 1,5 metres
(for greater span, refer to Ebo Systems)



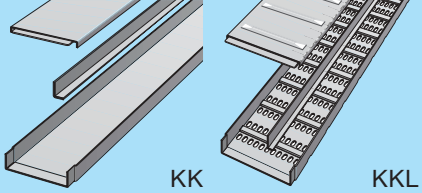
Guide choice : 19 dimensions of cable trays available from stock

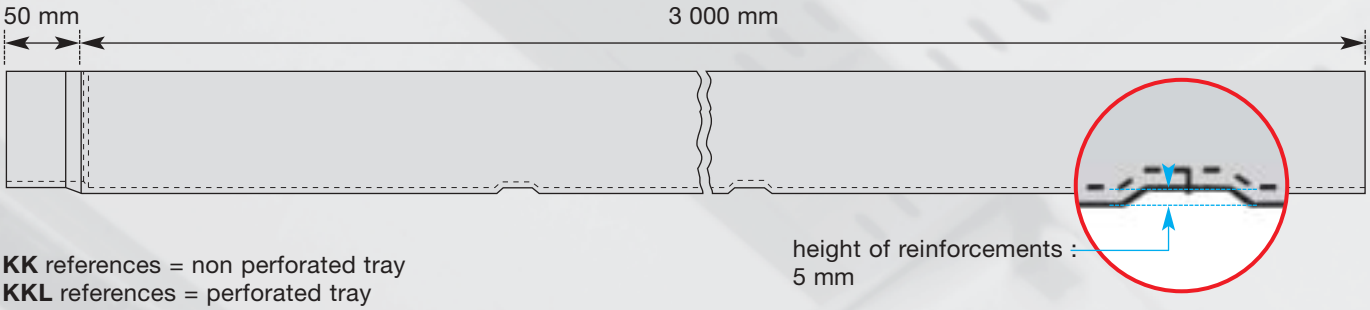


Maximum cable capacity
Rate of replenishment recommended

The capacity of replenishment corresponds to a density of cables valued to 0,28 dN/cm²/ms, according to the norm NF C68-102,

Technical features of the K^2 series : cable trays

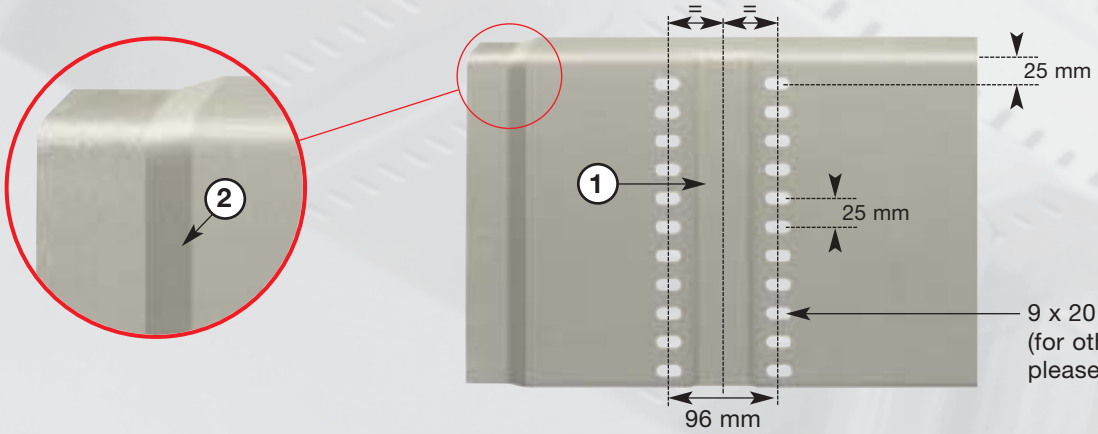




KK references = non perforated tray
KKL references = perforated tray

Height (mm)	Width (mm)	Thickness (mm)	Reference	Weight (kg/m)		Section (mm²)	Reinforcements
				tray	tray +cover		
50	50	3	KK(L) 5050	0,7	1,2	1 500	No
	100	3	KK(L) 10050	1,0	1,8	3 700	
	150	3	KK(L) 15050	1,2	2,3	5 900	
	200	3	KK(L) 20050	1,5	2,9	8 100	
	300	3	KK(L) 30050	2,1	4,0	12 500	
80	100	3	KK(L) 10080	1,3	2,1	6 500	Yes
	150	3	KK(L) 15080	1,7	2,7	10 200	
	200	3	KK(L) 20080	2,0	3,3	13 900	
	250	3	KK(L) 25080	2,2	3,7	17 600	
	300	3	KK(L) 30080	2,5	4,4	21 300	
	400	4	KK(L) 40080	3,9	6,3	27 600	
	500	4	KK(L) 50080	4,8	8,0	34 800	
	600	4	KK(L) 60080	5,4	8,8	42 000	
110	100	4	KK(L) 100110	2,2	3,0	8 500	Yes
	200	4	KK(L) 200110	2,8	4,1	18 800	
	300	4	KK(L) 300110	3,7	5,6	29 100	
	400	4	KK(L) 400110	4,3	6,7	39 400	
	500	4	KK(L) 500110	5,0	8,2	49 700	
	600	4	KK(L) 600110	5,7	9,1	60 000	

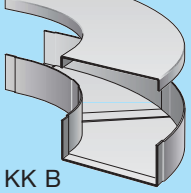
Ratings of perforated cable trays KKL :

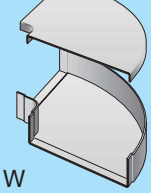


(1) The transverse reinforcements of the K^2 series are accepted for all applications by the installation guide UTE C15-900,

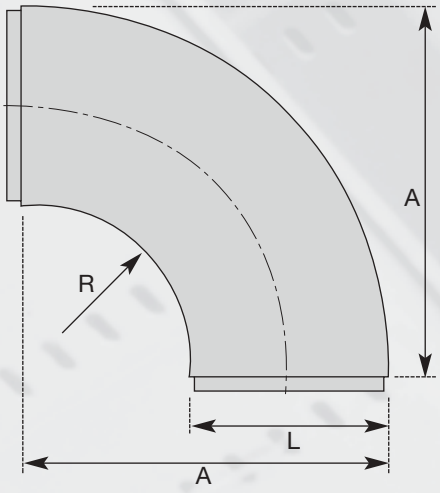
(2) including cables to very high debit (application class D, frequency 16 MHz).

Fittings
horizontal elbows 90°


KK B

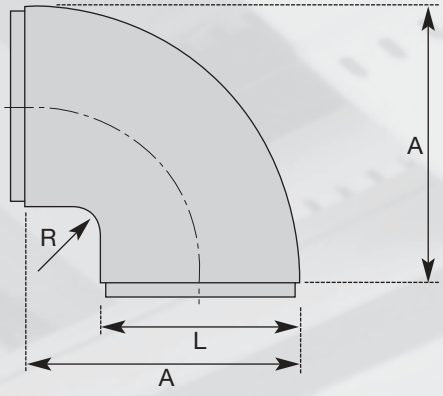

KK W

Large rad



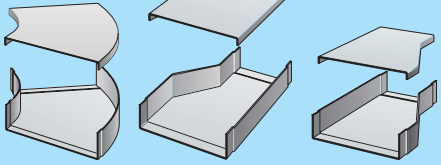
Height (mm)	Width L (mm)	Reference	Weight (kg)		Rad R (mm)	Dimension A (mm)
			tray	tray + cover		
50	50					
	100	KK B10050	0,3	0,5	100	225
	150	KK B15050	0,6	1,0	175	350
	200	KK B20050	0,8	1,5	200	425
	300	KK B30050	1,3	2,3	225	550
80	100	KK B10080	0,4	0,6	100	225
	150	KK B15080	0,7	1,2	175	350
	200	KK B20080	0,9	1,6	200	425
	250	KK B25080	1,3	2,3	275	550
	300	KK B30080	1,5	2,5	225	550
	400	KK B40080	3,2	5,9	250	725
	500	KK B50080	4,5	8,5	250	825
	600	KK B60080	5,4	10,2	250	925
110	100	KK B100110	0,8	1,0	100	225
	200	KK B200110	1,3	2,0	200	425
	300	KK B300110	1,9	2,9	225	550
	400	KK B400110	3,6	6,3	250	725
	500	KK B500110	4,9	8,9	250	825
	600	KK B600110	5,8	10,6	250	925

Small rad

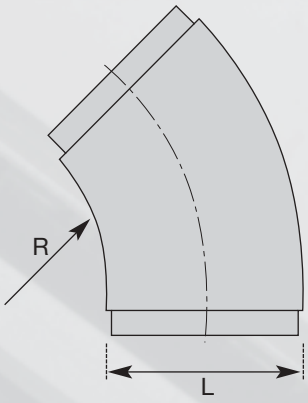


Height (mm)	Width L (mm)	Reference	Weight (kg)		Rad R (mm)	Dimension A (mm)
			tray	tray + cover		
50	50	KK W5050	0,1	0,2	25	100
	100	KK W10050	0,2	0,3	25	150
	150	KK W15050	0,3	0,5	25	200
	200	KK W20050	0,4	0,8	25	250
	300	KK W30050	0,6	1,2	25	350
80	100	KK W10080	0,2	0,4	25	150
	150	KK W15080	0,3	0,6	25	200
	200	KK W20080	0,5	0,7	25	250
	250	KK W25080	0,6	1,0	25	300
	300	KK W30080	0,8	1,4	25	350
	400	KK W40080	1,2	2,2	25	450
	500	KK W50080	2,0	3,3	25	550
	600	KK W60080	2,4	4,3	25	650
100	100	KK W100110	0,4	0,6	25	150
	200	KK W200110	0,7	0,9	25	250
	300	KK W300110	1,0	1,6	25	350
	400	KK W400110	1,4	2,4	25	450
	500	KK W500110	2,2	3,5	25	550
	600	KK W600110	2,6	4,5	25	650

Fittings
elbows 45° - reducer left and right

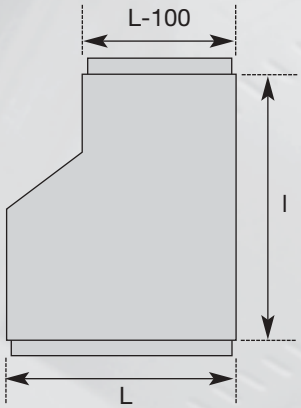


Elbow 45°



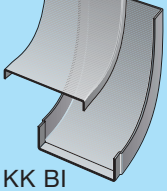
Height (mm)	Width L (mm)	Reference	Weight (kg)		Rad R (mm)
			tray	tray + cover	
50	100	KK C10050	0,1	0,2	100
	150	KK C15050	0,2	0,4	175
	200	KK C20050	0,3	0,6	200
	300	KK C30050	0,6	1,1	225
80	100	KK C10080	0,2	0,3	100
	150	KK C15080	0,4	0,6	175
	200	KK C20080	0,5	0,8	200
	250	KK C25080	0,6	1,1	275
	300	KK C30080	0,8	1,3	225
	400	KK C40080	2,5	4,5	250
	500	KK C50080	2,8	4,9	250
	600	KK C60080	3,0	5,3	250
110	100	KK C100110	0,4	0,5	200
	200	KK C200110	0,7	1,0	200
	300	KK C300110	1,0	1,5	225
	400	KK C400110	2,5	4,5	250
	500	KK C500110	3,0	5,1	250
	600	KK C600110	3,2	5,5	250

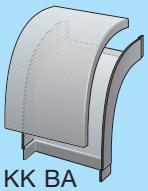
Left hand reduction
Right hand reduction



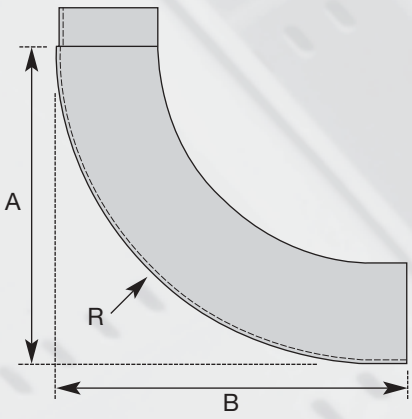
Height (mm)	Width L (mm)	Reference*	Weight (kg)		l (mm)
			tray	tray + cover	
50	200	KK ..20050	0,5	1,0	500
	300	KK ..30050	1,0	1,4	500
80	200	KK ..20080	0,9	1,4	500
	300	KK ..30080	1,2	2,0	500
	400	KK ..40080	1,6	2,7	500
	500	KK ..50080	1,9	3,3	500
	600	KK ..60080	2,2	3,8	500
110	200	KK ..200110	1,3	1,8	500
	300	KK ..300110	1,6	2,4	500
	400	KK ..400110	2,0	3,1	500
	500	KK ..500110	2,3	3,7	500
	600	KK ..600110	2,6	4,2	500

*.. : RR = reducer right hand,
RL = reducer left hand


KK BI

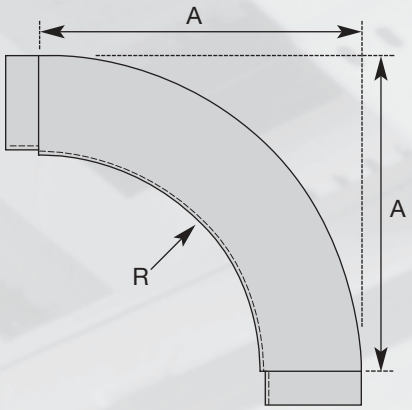

KK BA

Interior elbow 90°



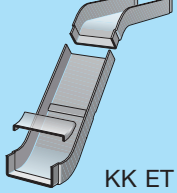
Height (mm)	Width (mm)	Reference	Weight (kg) tray	Weight (kg) tray + cover	Rad R (mm)	Dimension (mm) A	Dimension (mm) B
50	50	KK BI5050	0,1	0,2	75	100	100
	100	KK BI10050	0,4	0,6	250	250	280
	150	KK BI15050	0,5	0,7	250	250	280
	200	KK BI20050	0,6	1,0	250	250	280
	300	KK BI30050	0,9	1,4	250	250	280
80	100	KK BI10080	0,5	0,7	250	250	280
	150	KK BI15080	0,6	0,9	250	250	280
	200	KK BI20080	0,8	1,1	250	250	280
	250	KK BI25080	1,0	1,3	250	250	280
	300	KK BI30080	1,0	1,5	250	250	280
	400	KK BI40080	1,2	1,8	250	250	280
	500	KK BI50080	1,5	2,2	250	250	280
	600	KK BI60080	1,7	2,6	250	250	280
110	100	KK BI100110	0,7	0,9	250	250	280
	200	KK BI200110	1,0	1,3	250	250	280
	300	KK BI300110	1,2	1,7	250	250	280
	400	KK BI400110	1,4	2,0	250	250	280
	500	KK BI500110	1,7	2,4	250	250	280
	600	KK BI600110	1,9	2,8	250	250	280

Elbow 90° exterior



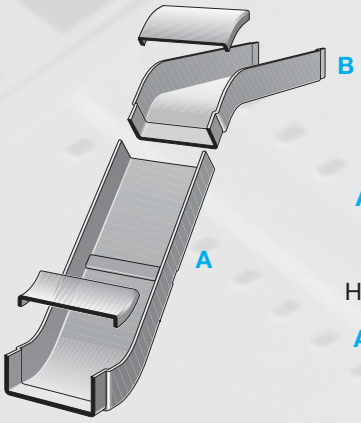
Height (mm)	Width (mm)	Reference	Weight (kg) tray	Weight (kg) tray + cover	Rad R (mm)	Dimension A (mm)
50	50	KK BA5050	0,1	0,2	25	100
	100	KK BA10050	0,3	0,6	170	245
	150	KK BA15050	0,4	0,8	170	245
	200	KK BA20050	0,5	1,0	170	245
	300	KK BA30050	0,7	1,3	170	245
80	100	KK BA10080	0,4	0,7	170	275
	150	KK BA15080	0,5	1,0	170	275
	200	KK BA20080	0,6	1,1	170	275
	250	KK BA25080	0,7	1,3	170	275
	300	KK BA30080	0,8	1,5	170	275
	400	KK BA40080	1,0	1,9	170	275
	500	KK BA50080	1,1	2,3	170	275
	600	KK BA60080	1,4	2,7	170	275
110	100	KK BA100110	0,7	1,0	170	345
	200	KK BA200110	0,9	1,4	170	345
	300	KK BA300110	1,1	1,8	170	345
	400	KK BA400110	1,3	2,2	170	345
	500	KK BA500110	1,4	2,6	170	345
	600	KK BA600110	1,7	3,0	170	345

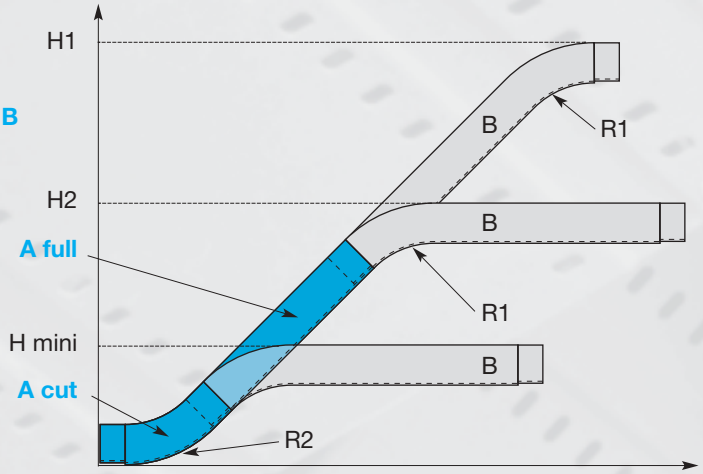
Fittings
changing elevation


KK ET

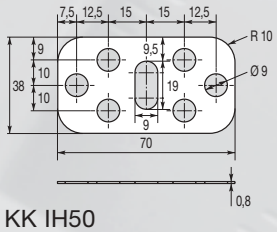
Height (mm)	Width (mm)	Reference A+B	Weight (kg)		Dimension (mm)			Rad (mm)	
			tray	tray + cover	H1	H2	H mini	R1	R2
80	100	KK ET10080	1,9	2,1	800	480	160	170	250
	150	KK ET15080	2,4	2,8	800	480	160	170	250
	200	KK ET20080	2,7	3,1	800	480	160	170	250
	250	KK ET25080	3,1	3,6	800	480	160	170	250
	300	KK ET30080	3,5	4,1	800	480	160	170	250
	400	KK ET40080	4,2	5,0	800	480	160	170	250
	500	KK ET50080	5,0	6,0	800	480	160	170	250
	600	KK ET60080	6,0	7,1	800	480	160	170	250

Set changing elevation :

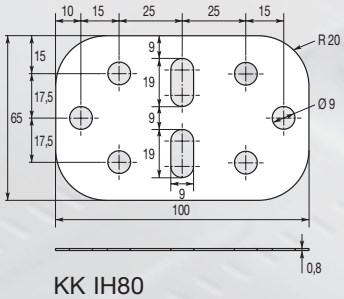




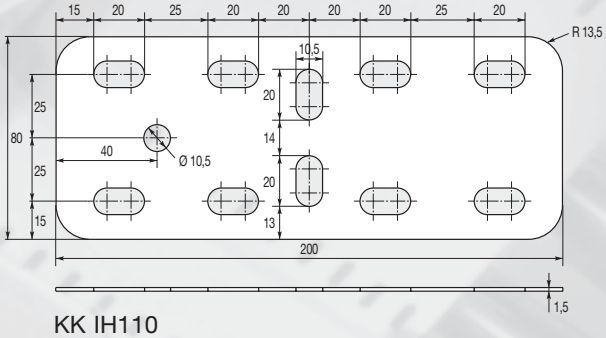
Splice plates (specifically for angled connections)
Stainless steel



KK IH50

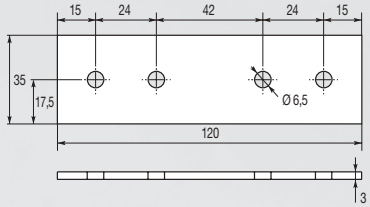


KK IH80

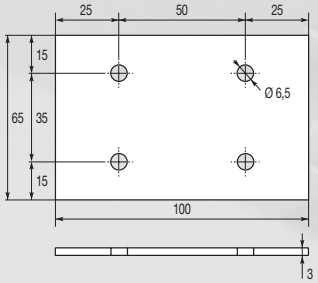


KK IH110

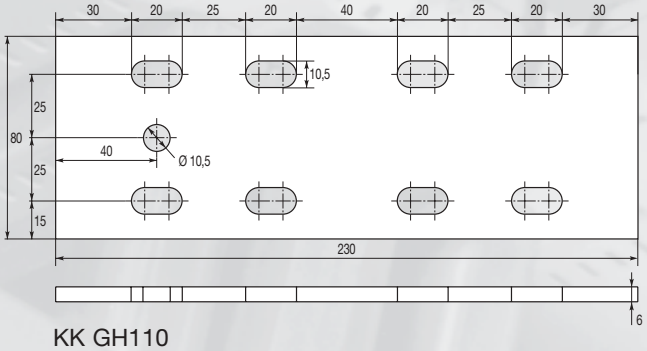
Polyester



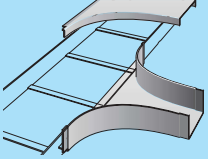
KK GH50

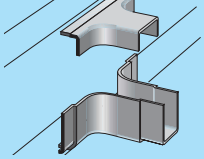


KK GH80

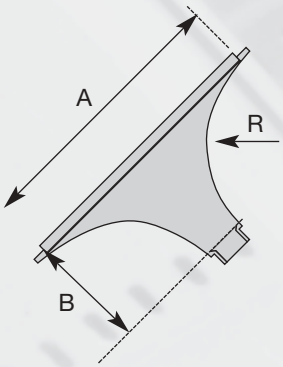


KK GH110


KK ST

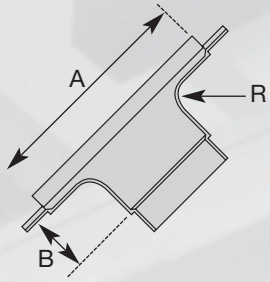

KK SS

Large rad



Height (mm)	Width (mm)	Reference	Weight (kg) tray	Weight (kg) tray + cover	Rad R (mm)	Dimension (mm) A	Dimension (mm) B
50	50						
	100	KK ST10050	0,6	1,0	250	600	250
	150	KK ST15050	0,7	1,2	250	650	250
	200	KK ST20050	0,8	1,3	250	700	250
	300	KK ST30050	1,0	1,7	250	800	250
80	100	KK ST10080	0,7	1,1	250	600	250
	150	KK ST15080	0,8	1,3	250	650	250
	200	KK ST20080	0,9	1,5	250	700	250
	250	KK ST25080	1,0	1,7	250	750	250
	300	KK ST30080	1,1	1,8	250	800	250
	400	KK ST40080	1,2	2,0	250	900	250
	500	KK ST50080	1,4	2,4	250	1000	250
	600	KK ST60080	1,6	2,7	250	1100	250
110	100	KK ST100110	1,0	1,4	250	700	250
	200	KK ST200110	1,2	1,8	250	700	250
	300	KK ST300110	1,4	2,1	250	800	250
	400	KK ST400110	1,5	2,3	250	900	250
	500	KK ST500110	1,7	2,7	250	1000	250
	600	KK ST600110	1,9	3,0	250	1100	250

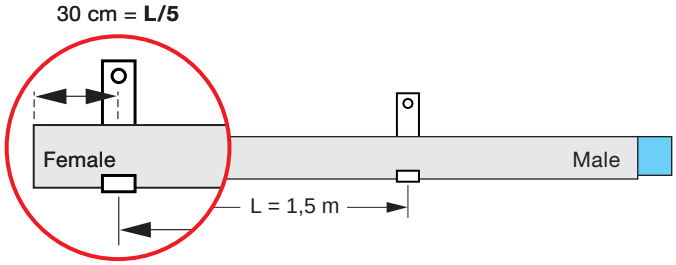
Small rad



Height (mm)	Width (mm)	Reference	Weight (kg) tray	Weight (kg) tray + cover	Rad R (mm)	Dimension (mm) A	Dimension (mm) B
50	50	KK SS5050	0,1	0,1	25	150	50
	100	KK SS10050	0,1	0,2	25	200	50
	150	KK SS15050	0,2	0,3	25	250	50
	200	KK SS20050	0,2	0,3	25	300	50
	300	KK SS30050	0,3	0,5	25	400	50
80	100	KK SS10080	0,1	0,2	25	200	50
	150	KK SS15080	0,2	0,3	25	250	50
	200	KK SS20080	0,2	0,3	25	300	50
	250	KK SS25080	0,3	0,4	25	350	50
	300	KK SS30080	0,3	0,5	25	400	50
	400						
	500						
	600						

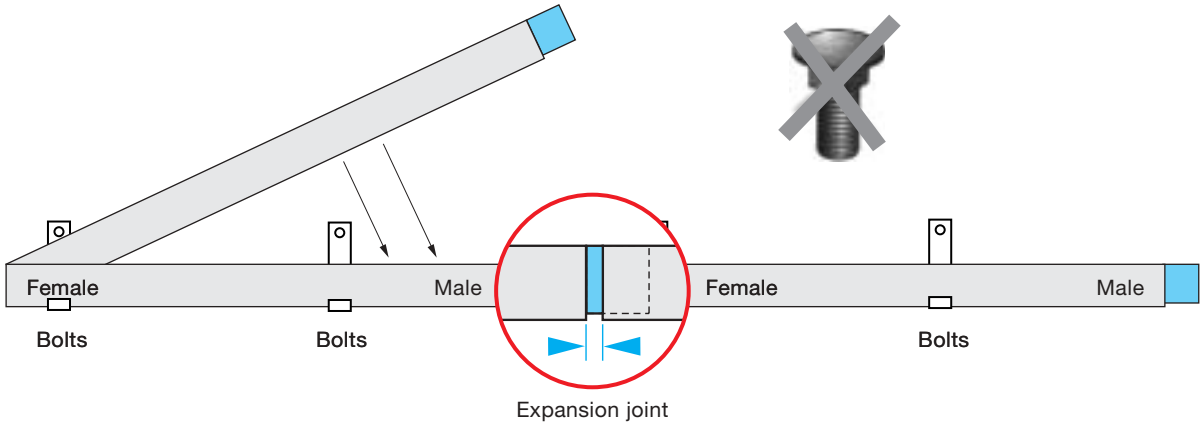
For fast and secure installation

1. Support the cable tray at a distance of around 30 cm from one end



The joint between two trays should ideally be located at a distance of approximately L/5 : this ensures the optimum strength of the joint.

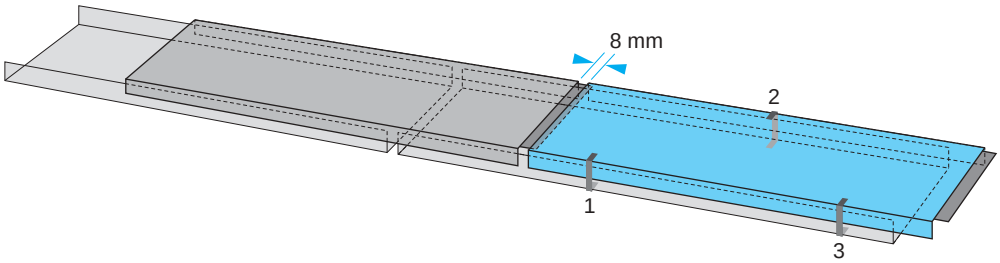
2. To position couplings without screwing junctions



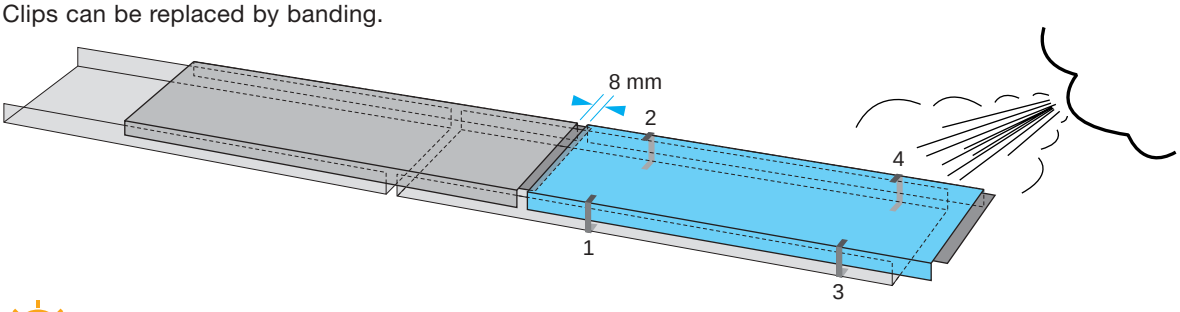
Thanks to the in built butt, the 2 lengths of cable tray position themselves automatically in an optimal way in order to give an expansion joint of 8 mm.

3. To fix the cover with clips made of steel 316 (references : DF 50, DF 80, DF 100)

in normal conditions (interior, weak winds) : use one clip per metre on alternate sides of the tray



in extreme conditions (strong winds, > 60 km/h) : use 4 clips per 3 metre length of cable tray.
Clips can be replaced by banding.



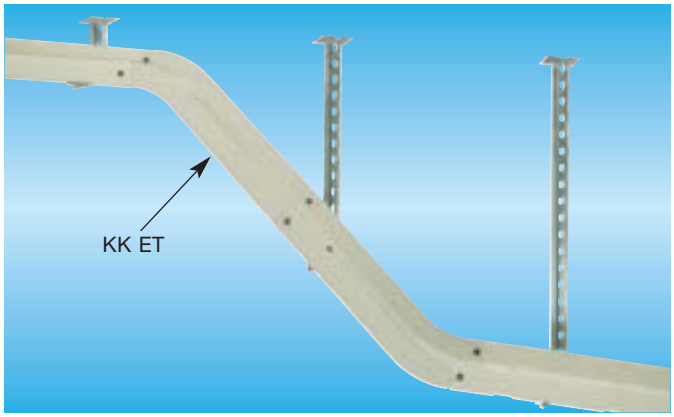
To ensure maximum strength, the joint of the cover and the tray should not lie one above the other.

Method of installation : fittings

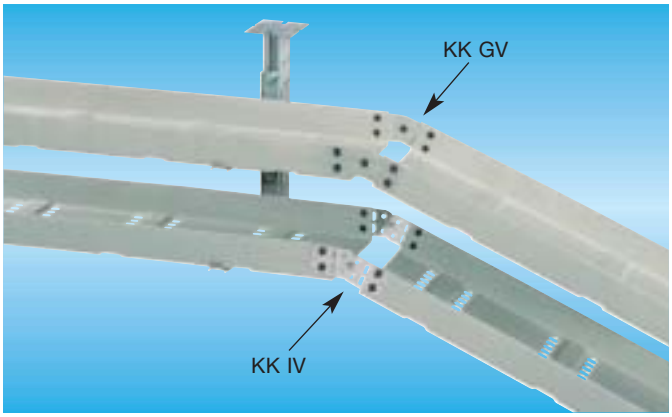
Installation examples

- All fittings must be fixed laterally by **1 screw on each side**.
- Every junction should have an **accompanying support** within 20 cm.
- Fittings of large dimensions require a **central support**.

Changing elevation

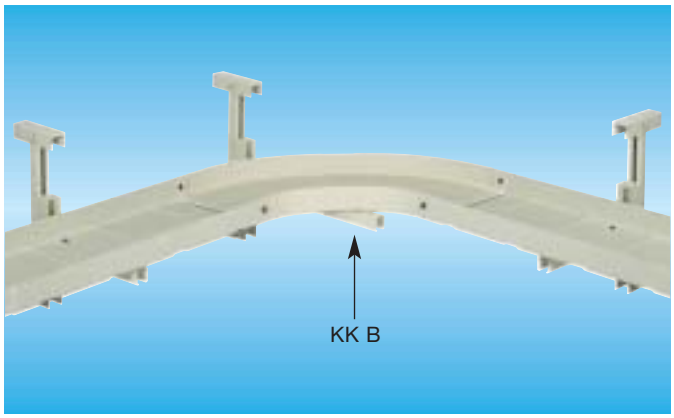


With fitting

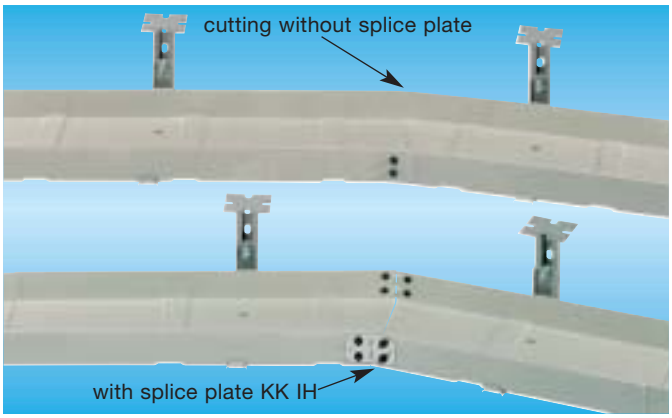


Installation on site with splice plate

Change of direction

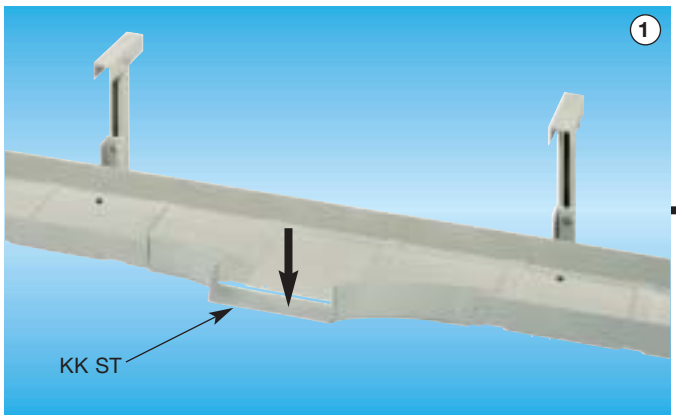


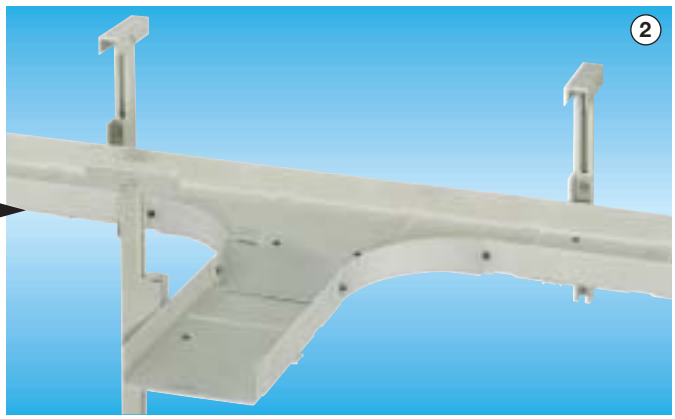
With fitting



Installation on site with/without splice plate

T - junction





With fitting

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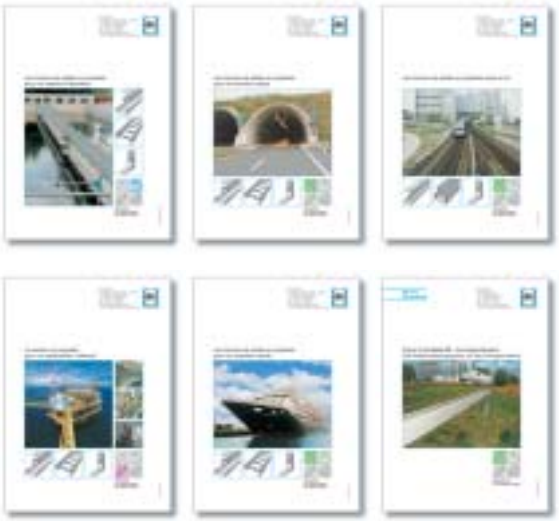

Resin characteristics

Ebo Systems

Head office

Ebo Systems
Boulevard d'Europe
B.P. 10
F - 67211 Obernai Cedex
Tel. +33 (0)3 88 49 50 51
Fax. +33 (0)3 88 49 50 14
e-mail : info@ebo-systems.com

Production

Ebo Systems S.A.S.
Zone industrielle
B.P. 5
F - 54920 Villers-la-Montagne
Tel. +33 (0)3 82 44 01 07
Fax. +33 (0)3 82 26 10 41
e-mail : info.prod@ebo-systems.com

Market areas

Belgium, Spain, France, Luxembourg Portugal
Ebo Systems
4, allée du Carré
Parc des Barbanniers
F - 92230 Gennevilliers
Tel. +33 (0)1 40 85 44 86
Fax. +33 (0)1 40 85 44 79
e-mail : info.fr@ebo-systems.com

Germany
Ebo Systems GmbH
Zum Gunterstal
D - 66440 Blieskastel
Tel. +49 (0)6842 - 945 6302
Fax +49 (0)6842 - 945 5284
e-mail : info.de@ebo-systems.com

Italy
Ebo Systems S.r.l.
Via Guido Rossa 5 / 7
I - 24035 Curno (BG)
Tel. +39 (0)35 46 20 88
Fax +39 (0)35 46 20 89
e-mail : info.it@ebo-systems.com

Switzerland, Austria, Eastern Europe
Ebo Systems SA
Postfach
Tambourstrasse 8
CH - 8833 Samstagern
Tel. +41 (0)1 787 87 87
Fax +41 (0)1 787 87 99
e-mail : info.ch@ebo-systems.com

English-speaking Europe, Asia, Middle East, Africa, America, Australia
Ebo Systems
Boulevard d'Europe
B.P. 10
F - 67211 Obernai Cedex
Tel. +33 (0)3 88 49 50 51
Fax. +33 (0)3 88 49 50 14
e-mail : info@ebo-systems.com

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