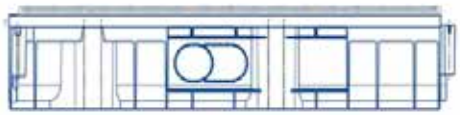
Technical Specification

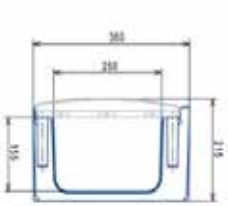
Cable Duct





parameters	Cable Duct I	Cable Duct II
Length	1.000 mm	1.000 mm
Width (inside/outside)	100 mm/215 mm	250 mm/360 mm
Height (inside/outside)	155 mm/210 mm	155 mm/215 mm
Weight	4.9 kg	7.3 kg
Material	PP copolymer (UV-stabilized)	PP copolymer (UV-stabilized)
Fire protection class	K1 according to DIN 53438 part 2	
Permanent form stability	-30°C to + 80°C	
Load capacity	Class A15 (9 kN)	Class A15 (15 kN)
	according to DIN EN 1433 / DIN EN 124	
Electrical properties	contact resistance about 1015 Ω x cm	
	dielectric strength about 0,6/0,8 at 100 kV/mm according to DIN VDE 303-ICE 243	
Additional Equipment	15° bend, angle parts, separator plates, end plates, ground screws, locking screws, key for opening/closing the duct cover	







TECHNICAL DATA

Cable Duct II

Length	1000 mm
Width (inside/outside)	250 mm / 360 mm
Height (inside/outside)	155 mm / 215 mm
Weight	7.3 kg
Material	PP copolymer (UV-stable)
Fire protection class	K1 according to DIN 53438 part 2
Dimensional stability	-30°C to + 80°C
Load capacity class	A15 (15 kN) according to DIN EN 124-1/ DIN EN 1433
Electrical properties	Surface resistance approx. 1015 Ω x cm Dielectric strength Ed approx. 0.6 / 0.8 at 100 kV / mm according to DIN VDE 303-ICE 243

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Technical Specification

Cable Duct 15°



parameters	Size I soon available	Cable Duct II 15°
Length		241 mm
Width (inside/outside)		250 mm/351 mm
Height (inside/outside)		155 mm/215 mm
Weight		1.94 kg
Material		PP copolymer (UV-stabilized)
Fire protection class	K1 according to DIN 53438 part 2	
Permanent form stability	-30°C to + 80°C	
Load capacity		Class A15 (15 kN)
	according to DIN EN 1433 / DIN EN 124	
Electrical properties	contact resistance about 1015 Ω x cm	
	dielectric strength about 0,6/0,8 at 100 kV/mm according to DIN VDE 303-ICE 243	
Application	provides bends in the cable duct track with flexible use for right and left bends of 15°, 30°, 45°, 60°, 75° or 90°	







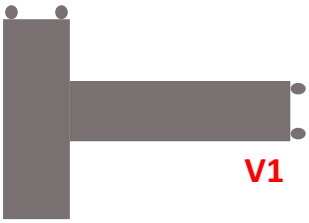
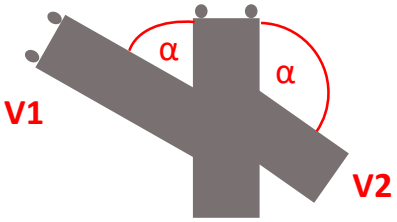
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Technical Specification

Cable Duct Junction





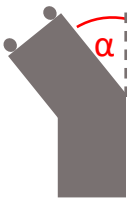
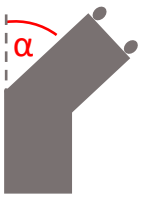
	T Junction	
Versions	We provide junctions in various versions, manufactured individually on request. Please specify **Size I or II**, if the **branch** is on the side of the hinge (**left**) or opposite (**right**) and if the branch should have **male** or **female** connection. Length of branch can be reduced as well, default is 1 m.	
90° T: branch left V1 (male) / V2 (female)		
90° T: branch right V1 (male) / V2 (female)		
	Y Junction	
Y: **define angle α** and branch left / right and V1 (male) / V2 (female) like above		

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Technical Specification

Cable Duct Angle



	Angle	
Versions	We provide angles in various versions, manufactured individually on request. Please specify **Size I or II**, if the **bend** is on the side of the hinge (**left**) or opposite (**right**) and the **angle**. Angles are produced from 1 pc of cable duct (1 m).	
define angle α and bend left / right		



OUR PLASTIC SOLUTIONS MAKE AN IMPORTANT CONTRIBUTION TO ENVIRONMENTAL PROTECTION

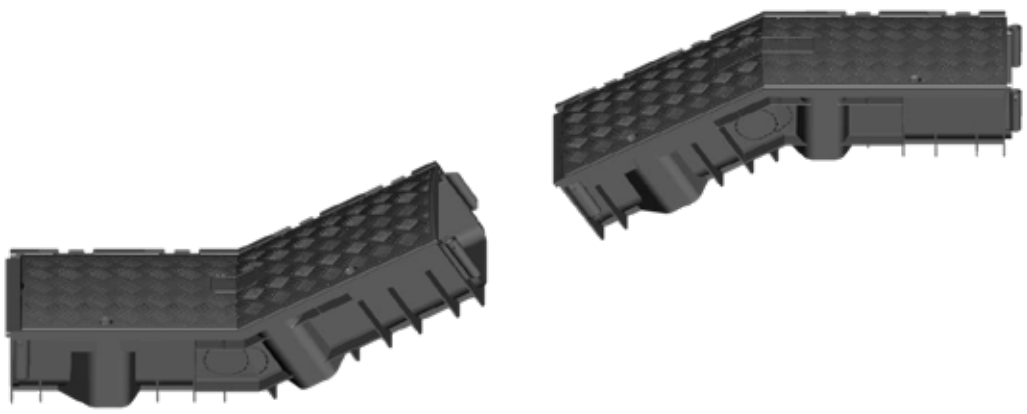
To protect the environment sustainably, it requires special design, production and material know-how. The Wirthwein cable duct comprises quality, economy and environmental friendliness. Especially compared to conventional concrete cable ducts, it reduces emissions and costs by:

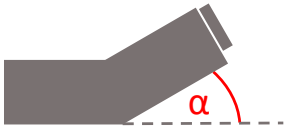
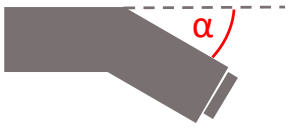
+ Low weight
+ Resource-saving production
+ Reusability at different application sites
+ Easy installation without lifting equipment
+ An integrated connection system for quick assembly and disassembly
+ Durability
+ No need for maintenance

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Technical Specification

Cable Duct Elevation



	Elevation	
Versions	We provide elevations in various versions, manufactured individually on request. Please specify **Size I or II, up or downward** and the angle (default = 30°) Elevations are produced from 1 pc of cable duct (1 m).	
define angle α and up / down		

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Technical Specification

Cable Duct Adapter





	Length Adapter
Versions	We provide length adapters to fill gaps where exactly 1 m will not fit. Please specify **Size I or II, and the needed length.**
define length	 min. 350 mm  max. 980 mm
	Size Adapter
Cable Duct I to Cable Duct II	
Cable Duct II to Cable Duct I	

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