

Reliable power supply and connection

Safely

to your
destination



Custom made solutions

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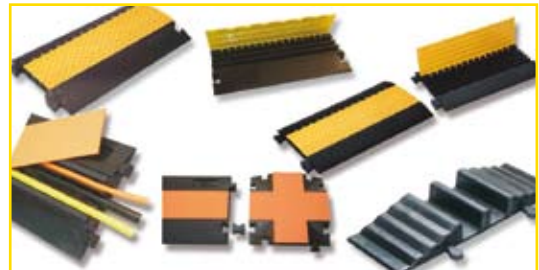
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GIFAS LEUCHTFLEX CABLE cable type H05 VV-F



GIFAS LEUCHTFLEX CABLE cable type H05 VV-F

Technical data

Operating voltage U_0/U :	300/500 V
Test voltage:	2000 V / 50 Hz
Temperature range	
- moves:	-15° C to +70° C
- permanently fixed:	-40° C to +70° C

Customer printing

The cable can be printed with your company name on request. Please ask us to take advantage of this service.

Special features

In accordance with DIN VDE 0281-5, HD 21.5.S3, Cu cable strand structure conforming to DIN VDE 0295 Class 5, IEC 228 Cl. 5, wire identification conforming to DIN VDE 0293

This polyvinylchloride-insulated flexible cable meets tough requirements when it comes to mechanical and chemical influences.

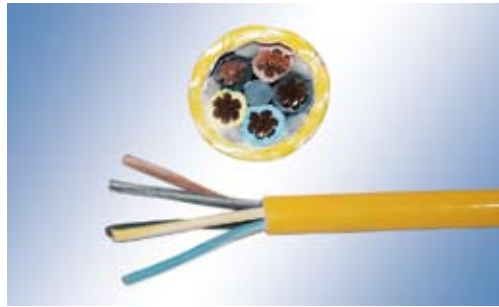
Under normal conditions, this type has above-average flexibility.

Applications

The GIFAS LEUCHTFLEX CABLE is a **silicone-free** cable and is designed for connecting light-weight electrical equipment with moderate mechanical demands.

Order no.	GIFAS type	Number of wires x Cross-section	Cable Number of wires	Cable exterior diameter(Ø)	Weight kg / km	Wire identification	Minimum order quantity
102727	42075	2x 0.75 qmm	24x 0.20 mm	5.6 mm	54	brown, blue	500 m
102732	4210	2x 1.0 qmm	32x 0.20 mm	6.8 mm	60	brown, blue	
102743	4215	2x 1.5 qmm	30x 0.25 mm	7.4 mm	100	brown, blue	
102785	4225	2x 2.5 qmm	51x 0.25 mm	9.2 mm	130	brown, blue	500 m
102819	4240	2x 4.0 qmm	56x 0.30 mm	11.8 mm	210	brown, blue	500 m
102842	43075	3x 0.75 qmm	24x 0.20 mm	5.9 mm	66	brown, blue, green/yellow	
102850	4310	3x 1.0 qmm	32x 0.20 mm	7.2 mm	70	brown, blue, green/yellow	
102860	4315	3x 1.5 qmm	30x 0.25 mm	7.8 mm	110	brown, blue, green/yellow	
102886	4325	3x 2.5 qmm	51x 0.25 mm	9.8 mm	150	brown, blue, green/yellow	
102911	44075	4x 0.75 qmm	24x 0.20 mm	6.9 mm	79	black, brown, blue, green/yellow	
102925	4415	4x 1.5 qmm	30x 0.20 mm	8.8 mm	125	black, brown, blue, green/yellow	
102946	4425	4x 2.5 qmm	51x 0.25 mm	10.9 mm	210	black, brown, blue, green/yellow	500 m
102962	45075	5x 0.75 qmm	24x 0.20 mm	7.5 mm	100	2x black, brown, blue, green/yellow	
102978	4515	5x 1.5 qmm	30x 0.25 mm	9.6 mm	145	2x black, brown, blue, green/yellow	
102999	4525	5x 2.5 qmm	51x 0.25 mm	12.0 mm	230	2x black, brown, blue, green/yellow	
103016	4540	5x 4.0 qmm	56x 0.30 mm	14.9 mm	380	2x black, brown, blue, green/yellow	500 m
103027	4560	5x 6.0 qmm	84x 0.30 mm	18.0 mm	510	2x black, brown, blue, green/yellow	500 m
103047	47075	7x 0.75 qmm	24x 0.20 mm	8.2 mm	149	1-6 numbered, green/yellow	500 m
103053	4715	7x 1.5 qmm	30x 0.25 mm	11.2 mm	195	1-6 numbered, green/yellow	
103068	4725	7x 2.5 qmm	51x 0.25 mm	14.5 mm	330	1-6 numbered, green/yellow	500 m

GIFAS EXTREMFLEX PUR CABLE Cable type H05 BQ-F, H07 BQ-F



GIFAS EXTREMFLEX PUR CABLE

Cable type H05 BQ-F, H07 BQ-F (from 1.5 qmm)

Technical data

Operating voltage U_o/U :	300/500 V (H05) 450/750 V /H07)
Test voltage:	2000 V / 50 Hz (H05) 2500 V / 50 Hz (H07)
Temperature range	
- moves:	-30° C to +90° C
- permanently fixed:	-40° C to +90° C

Customer printing

The cable can be printed with your company name on request. Please ask us to take advantage of this service.

Special features

In accordance with DIN VDE 0280j part 10, HD 22.10.S1, Cu cable strand structure conforming to DIN VDE 0295 Class 6, IEC 228 Cl. 6, IEC 228 Cl. 6, wire identification conforming to DIN VDE 0293
This PUR-coated high power cable meets increased and above-average demands. The specific strengths of these **silicone-** and **halogen-free** cable are the special notched bar impact value and the resistant to friction and cutting.
The cables are resistant to microbes, UV radiation, oil, grease, petrol, water and effects of the weather.

Applications

The GIFAS EXTREMFLEX PUR CABLE is intended for use in dry, damp and wet conditions.
It is ideal for connecting commercial and industrial equipment or tools such as drills and grinders.
This cable type is also ideally suited for connecting transportable motors or machines on construction sites, yards or in industry.

Order no.	GIFAS type	Number of wires x Cross-section	Cable Number of wires	Cable exterior diameter(Ø)	Weight kg / km	Wire identification	Minimum order quantity
102740	4210 PGUIL	2x 1.0 qmm	32x 0.20 mm	6.9 mm	59	brown, blue	
102751	4215 PGUIL	2x 1.5 qmm	30x 0.25 mm	8.5 mm	89	brown, blue	
102859	4310 PGUIL	3x 1.0 qmm	32x 0.20 mm	7.3 mm	73	brown, blue, green/yellow	
102876	4315 PGUIL	3x 1.5 qmm	30x 0.25 mm	9.0 mm	109	brown, blue, green/yellow	
102897	4325 PGUIL	3x 2.5 qmm	50x 0.25 mm	10.5 mm	159	brown, blue, green/yellow	
102937	4415 PGUIL	4x 1.5 qmm	30x 0.25 mm	9.8 mm	137	black, brown, blue, green/yellow	
102954	4425 PGUIL	4x 2.5 qmm	50x 0.25 mm	11.7 mm	199	black, brown, blue, green/yellow	500 m
102991	4515 PGUIL	5x 1.5 qmm	30x 0.25 mm	10.8 mm	171	2x black, brown, blue, green/yellow	
103011	4525 PGUIL	5x 2.5 qmm	50x 0.25 mm	13.1 mm	250	2x black, brown, blue, green/yellow	
206485	4540 PGUIL	5x 4.0 qmm	56x 0.30 mm	15.5 mm	406	2x black, brown, blue, green/yellow	
206486	4560 PGUIL	5x 6.0 qmm	84x 0.30 mm	16.9 mm	536	2x black, brown, blue, green/yellow	

GIFAS PROFLEX 07 CABLE Cable type H07 RN-F



GIFAS PROFLEX 07 CABLE

Cable type H07 RN-F

Technical data

Operating voltage U_0/U :	450/750 V
Test voltage:	2500 V / 50 Hz
Temperature range	
- moves:	-30° C to +60° C
- permanently fixed:	-50° C to +60° C
- short-term:	up to +200° C
Max. core temperature:	in operation +85° C (normal +60° C)

Customer printing

The cable can be printed with your company name on request. Please ask us to take advantage of this service.

Special features

Nach DIN VDE 0282-4, HD 22.4.S3, Cu-Litzenleiteraufbau nach DIN VDE 0295 Klasse 5, IEC 228 Cl. 5, wire identification conforming to DIN VDE 0293

The outer coating of this harmonised rubber hose cable consists of polychloroprene that withstands high mechanical loading.

The structure of the **silicone-free** cable ensures a high degree of flexibility, excellent resistance to weather conditions, ozone, oil and alkalis, and a high thermal loading capacity. This cable type conforms to the requirements of DIN VDE 0165 and is permitted for use in **areas at risk of explosion**.

Applications

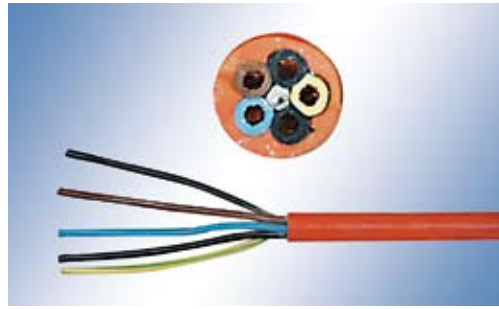
The GIFAS PROFLEX 07 CABLE is intended for use in dry, damp and wet areas, or for open-air usage for connecting equipment in commercial and areas at risk of fire, for example.

This cable type is also used for electrical tools, motors and machines at changing locations, e.g. in industry and yards.

In protected and permanent installations, these cables may be operated with max. 1000 V a.c. voltage or 750 V d.c. voltage to earth.

Order no.	GIFAS type	Number of wires x Cross-section	Cable Number of wires	Cable exterior diameter(Ø)	Weight kg / km	Wire identification
112733	4210 GG	2x 1.0 qmm	32x 0.20 mm	10.5 mm	94	brown, blue
102745	4215 GG	2x 1.5 qmm	30x 0.25 mm	11.5 mm	120	brown, blue
110623	4225 GG	2x 2.5 qmm	50x 0.25 mm	13.5 mm	175	brown, blue
210340	4240 GG	2x 4.0 qmm	56x 0.30 mm	14.5 mm	245	brown, blue
102863	4315 GG	3x 1.5 qmm	30x 0.25 mm	12.5 mm	150	brown, blue, green/yellow
102888	4325 GG	3x 2.5 qmm	50x 0.25 mm	14.5 mm	215	brown, blue, green/yellow
102902	4340 GG	3x 4.0 qmm	56x 0.30 mm	16.0 mm	300	brown, blue, green/yellow
102927	4415 GG	4x 1.5 qmm	30x 0.25 mm	13.5 mm	190	black, brown, blue, green/yellow
128372	4425 GG	4x 2.5 qmm	50x 0.25 mm	15.5 mm	270	black, brown, blue, green/yellow
102980	4515 GG	5x 1.5 qmm	30x 0.25 mm	15.0 mm	230	2x black, brown, blue, green/yellow
103001	4525 GG	5x 2.5 qmm	50x 0.25 mm	17.0 mm	325	2x black, brown, blue, green/yellow
123840	4540 GG	5x 4.0 qmm	56x 0.30 mm	19.5 mm	475	2x black, brown, blue, green/yellow
103029	4560 GG	5x 6.0 qmm	84x 0.30 mm	24.5 mm	630	2x black, brown, blue, green/yellow
102997	45160 GG	5x 16.0 qmm	128x 0.40 mm	35.5 mm	1530	2x black, brown, blue, green/yellow

GIFAS THERMFLEX CABLE Cable type (N)



GIFAS THERMFLEX CABLE

Cable type (N) HXSLHXÖ-J

Technical data

Operating voltage U_o/U :	300/500 V
Test voltage:	2000 V / 50 Hz
Temperature range	
- moves:	-15° C to +130° C
- permanently fixed:	-25° C to +130° C

Special features

Based on DIN VDE 0281-13 and DIN VDE 0282-9, Cu wire cable structure to DIN VDE 0295 class 5, IEC 228 Cl. 5, wire identification conforming to DIN VDE 0293

The outer casing of the GIFAS THERMFLEX CABLE consists of cross-linked polymer, conforming to DIN VDE 0266, HXM 1, flame-resistant.

The **silicone** and **halogen-free** cable impresses with its high resistance to chemical influences of ozone, mineral oils, diluted acids and alkalis. Its mechanical load capacity guarantees a long service life.

Applications

This cable is intended for use in dry and damp areas with moderate mechanical demands.

It is used as a connection and power cable for control units for tooling machines, feed systems and production lines, etc.

This cable is therefore ideal for use in the chemical industry, pharmaceutical, paper and automobile industries.

Order no.	GIFAS type	Number of wires x Cross-section	Cable Number of wires	Cable exterior diameter(∅)	Weight kg / km	Wire identification
102731	42075 HHFL	2x 0.75 qmm	24x 0.20 mm	8.0 mm	83	black, blue
102750	4215 HHFL	2x 1.5 qmm	30x 0.25 mm	9.0 mm	119	black, blue
102848	43075 HHFL	3x 0.75 qmm	24x 0.20 mm	8.5 mm	100	black, blue, green/yellow
102873	4315 HHFL	3x 1.5 qmm	30x 0.25 mm	9.1 mm	129	black, blue, green/yellow
102894	4325 HHFL	3x 2.5 qmm	51x 0.25 mm	11.1 mm	197	black, blue, green/yellow
102934	4415 HHFL	4x 1.5 qmm	30x 0.25 mm	9.9 mm	154	black, brown, blue, green/yellow
102952	4425 HHFL	4x 2.5 qmm	51x 0.25 mm	12.0 mm	237	black, brown, blue, green/yellow
102967	45075 HHFL	5x 0.75 qmm	24x 0.20 mm	10.0 mm	143	2x black, brown, blue, green/yellow
102988	4515 HHFL	5x 1.5 qmm	30x 0.25 mm	11.2 mm	198	2x black, brown, blue, green/yellow
103008	4525 HHFL	5x 2.5 qmm	51x 0.25 mm	13.1 mm	289	2x black, brown, blue, green/yellow
103064	4715 HHFL	7x 1.5 qmm	30x 0.25 mm	13.2 mm	274	1-6 numbered, green/yellow

GIFAS EXTREMOTHERM CABLE



GIFAS EXTREMOTHERM CABLE

Technical data

Operating voltage U_0/U :	600 V
Test voltage:	2000 V / 50 Hz
Temperature range	
- permanent:	-190° C to +260° C
- short-term:	up to +300° C

Special features

Cu cable strand structure conforming to DIN VDE 0295 Class 5, IEC 228 Cl. 5, wire identification conforming to DIN VDE 0293

This fluoropolymer-insulated tube cable is extremely heat-resistant. The Cu cable strands are nickel-plated.

The cable features high thermal and chemical load capacity.

Applications

This tube cable offers extreme resistance to concentrated organic and anorganic acid as well as bases, salts, solvents and various halogens and gases.

For this reason, this cable is especially well suited for use in the chemical industry, crude oil, natural gas, pharmaceutical and cosmetic industry or in power plants and other industrial plants.

Order no.	GIFAS type	Number of wires x Cross-section	Cable Number of wires	Cable exterior diameter(Ø)	Weight kg / km	Wire identification	Minimum quantity	Delivery time
206186	43075 TE	3x 0.75 qmm	24x 0.20 mm	4.8 mm	65	brown, blue, green/yellow	500 m	6 wk
211574	4310 TE	3x 1.0 qmm	32x 0.20 mm	5.2 mm	80	brown, blue, green/yellow	500 m	6 wk
203024	4315 TE	3x 1.5 qmm	30x 0.25 mm	5.8 mm	100	brown, blue, green/yellow		
134429	4325 TE	3x 2.5 qmm	50x 0.25 mm	7.2 mm	155	brown, blue, green/yellow	500 m	6 wk
203683	4340 TE	3x 4.0 qmm	56x 0.30 mm	8.6 mm	225	brown, blue, green/yellow	500 m	6 wk
203844	4440 TE	4x 4.0 qmm	56x 0.30 mm	9.7 mm	300	black, brown, blue, green/yellow	500 m	6 wk

Other sizes on request.

PROFLEX 07/05 equipment connection cable



GIFAS PROFLEX 07/05 equipment connection cables

Cable type H07 RN-F, H05 RN-F

- with moulded-on contour plugs with 2-wire cable
- with moulded-on safety contact plug with 3-wire cable
- with fitted CEE plug
- free end, stripped, uninsulated and fitted with wire end sleeves

Customer printing

The cable can be printed with your company name, e.g.

- H07 RN-F 3G2.5 company Schmidt
- H07 RN-F 3G2.5 property of company Schmidt

Minimum order quantity

- 25 items with contour or shock-proof plug
- 50 items with CEE plug

H07 RN-F

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
112735	K 3 4210GG	3	2x 1.0 qmm	Contour plug
100435	K 3 4215GG	3	2x 1.5 qmm	Contour plug
100444	K 3 4315GG	3	3x 1.5 qmm	Safety contact plug
112737	K 5 4210GG	5	2x 1.0 qmm	Contour plug
100454	K 5 4215GG	5	2x 1.5 qmm	Contour plug
100464	K 5 4315GG	5	3x 1.5 qmm	Safety contact plug
119034	K 10 4210GG	10	2x 1.0 qmm	Contour plug
115728	K 10 4215GG	10	2x 1.5 qmm	Contour plug
116195	K 10 4315GG	10	3x 1.5 qmm	Safety contact plug
Order quantity on request:				
206857	K 3 4315GG.201636	3	3x 1.5 qmm	CEE 3x 16 A/230 V
206892	K 5 4315GG.201636	5	3x 1.5 qmm	CEE 3x 16 A/230 V
209370	K 5 4415GG.001646.10h	5	4x 1.5 qmm	CEE 4x 16 A > 50-500 V, 10 h High frequency 100-300 Hz

H05 RN-F

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
133852	K 4 4210H05SO	4	2x 1.0 qmm	Contour plug

Other sizes and lengths on request

EXTREMFLEX PUR/LEUCHTFLEX equipment connection cable



GIFAS EXTREMFLEX PUR equipment connection cables

GIFAS LEUCHTFLEX equipment connection cables

Cable types H05 BQ-F, H07 BQ-F, H05 VV-F

- with moulded-on contour plugs with 2-wire cable
- with moulded-on safety contact plug with 3-wire cable
- free end, stripped, uninsulated and fitted with wire end sleeves

Customer printing

The cable can be printed with your company name, e.g.

- HO7BQF Company Schmidt or
- HO7BQF Property of company Schmidt

Minimum quantity per type: 25 items

H05 BQ-F or from 1.5 qmm H07 BQ-F

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
206919	K 3 4210P.GUIL	3	2x 1.0 qmm	Contour plug
207609	K 3 4215P.GUIL	3	2x 1.5 qmm	Contour plug
206918	K 3 4315P.GUIL	3	3x 1.5 qmm	Safety contact plug
203681	K 5 4210P.GUIL	5	2x 1.0 qmm	Contour plug
203684	K 5 4215P.GUIL	5	2x 1.5 qmm	Contour plug
203688	K 5 4315P.GUIL	5	3x 1.5 qmm	Safety contact plug
203682	K 10 4210P.GUIL	10	2x 1.0 qmm	Contour plug
203686	K 10 4215P.GUIL	10	2x 1.5 qmm	Contour plug
203689	K 10 4315P.GUIL	10	3x 1.5 qmm	Safety contact plug

H05 VV-F

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
100427	K 3 4210	3	2x 1.0 qmm	Contour plug
100431	K 3 4215	3	2x 1.5 qmm	Contour plug
100440	K 3 4315	3	3x 1.5 qmm	Safety contact plug
100448	K 5 4210	5	2x 1.0 qmm	Contour plug
100452	K 5 4215	5	2x 1.5 qmm	Contour plug
100459	K 5 4315	5	3x 1.5 qmm	Safety contact plug
100410	K 10 4210	10	2x 1.0 qmm	Contour plug
100412	K 10 4215	10	2x 1.5 qmm	Contour plug
100414	K 10 4315	10	3x 1.5 qmm	Safety contact plug

Other sizes and lengths on request

PROFLEX 07 extension 230 V, 400 V, 500 V



GIFAS PROFLEX 07 extensions

Cable type H07 RN-F
with fitted plug connectors

Applications

- Industry
- Assembly lines
- Power stations
- Construction sites
- Service
- Electricity supply companies
- Anywhere where power needs to be distributed safely

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
120123	301656/57/10/4525GG	10	5x 2.5 qmm	CEE 5x 16 A / 400 V
113748	301656/57/20/4525GG	20	5x 2.5 qmm	CEE 5x 16 A / 400 V
107247	303256/57/10/4560GG	10	5x 6.0 qmm	CEE 5x 32 A / 400 V
114808	303256/57/20/4560GG	20	5x 6.0 qmm	CEE 5x 32 A / 400 V
112384	306356/57/10/45160GG	10	5x 16.0 qmm	CEE 5x 63 A / 400 V
102221	306356/57/20/45160GG	20	5x 16.0 qmm	CEE 5x 63 A / 400 V
207448	501646/47/10/4425H07	10	4x 2.5 qmm	CEE 4x 16 A / 500 V
207628	501646/47/20/4425H07	20	4x 2.5 qmm	CEE 4x 16 A / 500 V
207626	503246/47/10/4460H07	10	4x 6.0 qmm	CEE 4x 32 A / 500 V
207623	503246/47/20/4460H07	20	4x 6.0 qmm	CEE 4x 32 A / 500 V
125615	506346/47/10/44160H07	10	4x 16.0 qmm	CEE 4x 63 A / 500 V
206938	506346/47/20/44160H07	20	4x 16.0 qmm	CEE 4x 63 A / 500 V
110121	111/211/10/4315GG	10	3x 1.5 qmm	Safety contact plug Safety contact coupling
111028	111/211/20/4315GG	20	3x 1.5 qmm	Safety contact plug Safety contact coupling
113964	111/313/10/4315GG	10	3x 1.5 qmm	Safety contact plug Safety contact three-way coupling
112131	111/313/20/4315GG	20	3x 1.5 qmm	Safety contact plug Safety contact three-way coupling

Other sizes and lengths on request

PROFLEX 07 extension with differential current safety device PRCD-S



Technical data

Rated voltage:	230 V / 50 Hz
Nominal current:	16 A
Nominal fault current:	10 or 30 mA
Ambient temperature:	-25° C to +40° C at a daily mean value not exceeding 35° C
Protection rating:	IP 55
Connection cross-section:	1 mm ² up to 2.5 mm ²
Test mark:	GS from BG/Köln
Standards / regulations:	DIN VDE 0661 DIN 40040 or DIN EN 60721

Version

- ⇒ Encased design for tough operating conditions
- ⇒ Suitable for direct connection into the supply line to the electrical device (H07 RN-F 3G2.5 qmm)
- ⇒ Independent of the plug system used
- ⇒ Large, easy-to-use ON and OFF buttons
- ⇒ Additional visual indicator of switch position
- ⇒ Low voltage trigger

Special features

Locally changing differential current safety device PRCD (Portable Residual Current Protective Device) with electronic fault current evaluation, switches on all poles, for optimum personal protection as intermediate-cord device.

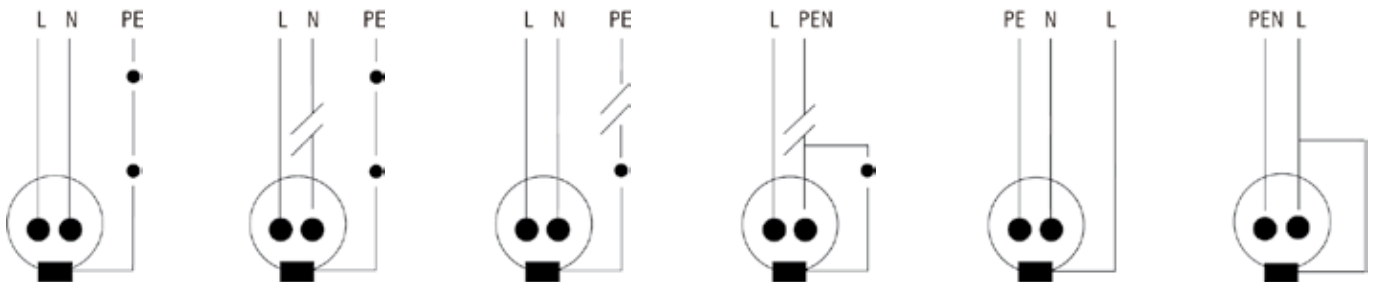
- ⇒ **Installation into cable drums and mobile distributors possible**
- ⇒ Faults occurring due to faulty consumer devices result in a shut-down on all poles. Safety conforming to DIN VDE 0661.
- ⇒ In the case of system faults in a permanent installation, all possible faults are detected and the PRCD-S cannot be switched on.
- ⇒ The PRCD-S detects external voltage on the protective conductor; it does not interrupt the protective conductor connection. The external voltage can be activated in this case via its own series-connected safety devices FI and LS.

Applications

- On construction sites
- Fire service deployments
- In workshops
- For all portable electrical devices

Order no.	GIFAS type	Length / m	No. of wires x size	Plug
246171	111/211/02/4315GG/PRCD-S/K	2	3x 1.5 qmm	Safety contact plug Safety contact coupling
234890	111/313/02/4315GG/PRCD-S	2	3x 1.5 qmm	Safety contact plug Safety contact three-way coupling
234891	111WI/211/02/4315GG/PRCD-S	2	3x 1.5 qmm	Safety contact right angle plug Safety contact coupling

Other designs and lengths on request



Intact socket	N interruption	PE interruption	PEN interruption	PE and L swapped over	L and PE swapped over
Full protection operation possible	Full protection No operation possible	Full protection No operation possible	Full protection No operation possible	Full protection No operation possible	Protection conforming to VDE 0661

GIFAS KRANFLEX 05 CABLE



GIFAS KRANFLEX05-LEITUNG

Crane and hoisting equipment control lead
based on DIN EN 60811

Technical data

Carrying force:	up to 135 kg
- Critical point:	approx. 190 kg
Temperature range:	
- permanent:	-30° C to +70° C
- specified:	-40° C to +70° C
Nominal voltage U_0/U :	300/500 V
Test voltage:	3000 V
Wire conductor structure:	DIN VDE 0295, Class 5
Wire ID code:	DIN VDE 0293

Special features

The GIFAS-KRANFLEX-05 CABLE is a special mixture of cold-flexible, weather-resistant PVC as casing and strand material.

The tensile forces occurring are absorbed by two steel cord carrier elements positioned opposite one another and with parallel axes connected to the external material.

Applications

- On control devices
- In converter mode
- As self-contained shaft cable
- In high-rack systems
- In cable tracks, etc.

Order no.	GIFAS type	No. of wires x size	Exterior cable diameter (∅) d1 / d2	Weight kg/km
102697	41210 0K	12x 1.0 qmm	14,9 / 27,3	446
102717	41810 0K	18x 1.0 qmm	17,0 / 32,0	528
102827	42510 0K	25x 1.0 qmm	21,0 / 36,0	660

GIFAS WENDEFLEX PUR CABLE



GIFAS WENDEFLEX PURE CABLE

Cable type H05 BQ-F, H07 BQ-F

Technical data

Temperature range:	-30° C to +80° C
Nominal voltage U_0/U :	300/500 V (H05)
(HAR)	450/750 V /H07)
Test voltage:	2000 V (H05)
	2500 V (H07)
Wire conductor structure:	DIN VDE 0295, Class 5
	IEC 228 Cl.5
Wire ID code:	DIN VDE 0293

Special features

- High quality
- Long service life
- Good restoring forces, even in cold weather
- Tested with one million changes of load with no failures
- Microbe-resistant, making it suitable for cold stores, as well

Applications

- for robots
- Drilling machines, screwdrivers and other manual equipment
- High-performance machines
- Hoisting platforms
- Lights

Order no.	GIFAS type	No. of wires x size	free ends	Turning length	extracted length
211373	WL.4210.800	2x 1.0 qmm	500 mm	800 mm	3,000 mm
212040	WL.4210.1500	2x 1.0 qmm	500 mm	1,500 mm	6,000 mm
211375	WL.4315.800	3x 1.5 qmm	500 mm	800 mm	3,000 mm
211774	WL.4315.1000	3x 1.5 qmm	500 mm	1,000 mm	4,000 mm
211652	WL.4315.1500	3x 1.5 qmm	500 mm	1,500 mm	6,000 mm
211377	WL.4515.800	5x 1.5 qmm	500 mm	800 mm	3,000 mm
230228	WL.4515.1200	5x 1.5 qmm	500 mm	1,200 mm	4,800 mm

Other sizes and lengths on request

GIFAS EARTHING SPIRAL CABLE



GIFAS EARTHING SPIRAL CABLE

Technical data

Temperature range:	-40°C to 80°C (100°C for short periods)
Operating voltage:	1000 V
Test alternating voltage:	3500 V
Strand structure:	very fine wire, class 6
Single conductor:	EL Cu 58 F 21 stripped/soft
Specific resistance:	conforms to DIN VDE 0295, IEC 60228
Turning length:	approx. 600 mm
extracted length:	approx. 5,000 mm

Applications

- Regulation, measurement, control and lab technology
- Chemical industry
- Medicine and electrical engineering
- Automobile industry
- Equipment construction
- Pneumatics and hydraulics
- Food industry

Special features

The green/yellow exterior casing of the GIFAS EARTHING SPIRAL CABLE consists of polyether polyurethane and is therefore free of cadmium and CFCs, halogen and silicone.

The exterior casing is oil-resistant to VDE 0472 part 803, seawater-resistant, break and impact-resistant, termite-resistant, ozone-resistant and largely resistant to acids, alkalis and solvents.

The specific material properties are low weight, and resistance to temperature and corrosion. The cable offers high strength in the high and low temperature ranges and relatively high crushing strength with a reduced wall thickness.

Product features

The high-flexibility cable features high strength at extremely low and high temperatures and excellent crushing strength with a reduced wall thickness.

Order no.	GIFAS type	Connections	Number of wires x Cross-section	Turning exterior diameter
248523	WL.4160.600.450.GG	-	1 x 6.0 mm ²	approx. 56 mm
249277	607/WL4160/05/KS	1 earthing tongs 1 cable lug M8	1 x 6.0 mm ²	approx. 56 mm
248769	607/WL4160/05/607	2 earthing tongs	1 x 6.0 mm ²	approx. 56 mm
248526	WL.41100.600.450.GG	-	1 x 10.0 mm ²	approx. 62 mm
249154	607/WL41100/05/KS	1 earthing tongs 1 cable lug M8	1 x 10.0 mm ²	approx. 62 mm
248773	607/WL41100/05/607	2 earthing tongs	1 x 10.0 mm ²	approx. 62 mm
248527	WL.41160.600.450.GG	-	1 x 16.0 mm ²	approx. 45 mm
249659	607/WL41160/05/KS	1 earthing tongs 1 cable lug M8	1 x 16.0 mm ²	approx. 45 mm
248784	607/WL41160/05/607	2 earthing tongs	1 x 16.0 mm ²	approx. 45 mm
248528	WL.41250.600.450.GG	-	1 x 25.0 mm ²	approx. 55 mm
250278	607/WL41250/05/KS	1 earthing tongs 1 cable lug M8	1 x 25.0 mm ²	approx. 55 mm
248785	607/WL41250/05/607	2 earthing tongs	1 x 25.0 mm ²	approx. 55 mm

GIFAS SCHWEISSFLEX CABLE



GIFAS SCHWEISSFLEX CABLE

Version: highly flexible DIN VDE 0250

Technical data

Tensile strength:	120 kg/cm ³
Temperature range:	
- permanent:	-20° C to +90° C
- specified:	-30° C to +90° C
Nominal voltage U ₀ /U:	300/500 V
Test voltage:	3000 V
Wire conductor structure:	DIN VDE 0295, Class 5
	IEC 228 Cl.5
Wire ID code:	DIN VDE 0293

Special features

The outer casing of the GIFAS SCHWEISSFLEX CABLE consists of an oil- and heat-resistant NBR special elastomer (flame-resistant and self-extinguishing). The cable features a high degree of flexibility, even under the effects of light, ozone and oxygen.

Other product benefits include the high mechanical strength (resistant to abrasion), resistance to solvents, acids and alkalis, silicone-free jacket insulation.

Applications

- Suppliers to the automobile industry
- Metalworking
- Construction companies
- Power supply companies
- Motor and drive unit engineering
- Machine engineering

Order no.	GIFAS type	Cross-section	Cu conductor Number of wires	Approx. outer diameter	Approx. weight kg / km	Current carrying capacity – duty cycle			
						100%	85%	60%	30%
103075	47716	16 qmm	504x 0.21 mm	10,5	247	135 A	145 A	175 A	245 A
103076	47725	25 qmm	770x 0.21 mm	12,5	340	180 A	195 A	230 A	330 A
103077	47735	35 qmm	1083x 0.21 mm	13,5	460	225 A	245 A	290 A	410 A
103078	47750	50 qmm	1558x 0.21 mm	15,0	606	285 A	310 A	370 A	520 A
103079	47770	70 qmm	2204x 0.21 mm	18,0	860	355 A	385 A	460 A	650 A
120964	47795	95 qmm	2983x 0.21 mm	20,5	1150	430 A	470 A	560 A	790 A

Other sizes and lengths on request

GIFAS SUPER SCHWEISSFLEX CABLE



GIFAS SUPER SCHWEISSFLEX CABLE

version: super-flexible

Technical data

Tensile strength:	120 kg/cm ²
Minimum flexural radius:	4x cable diameter
Temperature range:	-40° C to +80° C
Nominal voltage U ₀ /U:	300/500 V
Test voltage:	3000 V
Wire conductor structure:	DIN VDE 0295, Class 5 IEC 228 Cl.5
Wire ID code:	DIN VDE 0293

Special features

The outer casing of the GIFAS SUPER SCHWEISSFLEX CABLE consists of a heat-resistant, impact strength ethylene/propylene mixture. Naturally this cable is also resistant to standard oils, greases and acids. The super-flexible properties simplifies the welding process and produce a better welding result!

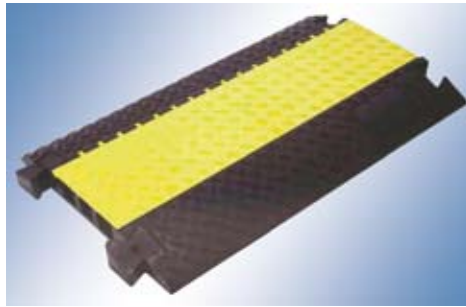
Applications

- Suppliers to the automobile industry
- Metalworking
- Construction companies
- Power supply companies
- Motor and drive unit engineering
- Machine engineering

Order no.	GIFAS type		Cross-section	Cu conductor Number of wires	Approx. outer diameter	Approx. weight kg / km	Current carrying capacity – duty cycle			
							100%	85%	60%	30%
129523	46635	3 m	35 qmm	9260x 0.07 mm	16,5	500	160 A	175 A	200 A	290 A
129524	46635	5 m	23 qmm	9260x 0.07 mm	16,5	500	160 A	175 A	200 A	290 A
129526	46650	3 m	50 qmm	13060x 0.07 mm	23,6	750	200 A	220 A	250 A	360 A
129527	46650	5 m	50 qmm	13060x 0.07 mm	23,6	750	200 A	220 A	250 A	360 A
129528	46670	3 m	70 qmm	18228x 0.07 mm	28,0	1000	260 A	285 A	325 A	468 A
129529	46670	5 m	70 qmm	18228x 0.07 mm	28,0	1000	260 A	285 A	325 A	468 A

Other sizes and lengths on request

GIFAS CABLE CROSSOVER KAB.3 PROTECT



GIFAS CABLE CROSSOVER KAB.3 PROTECT

Protect your cable crossovers with the new GIFAS CABLE CROSSOVER SYSTEM KAB.3 PROTECT and avoid accidents and damage. Ideal for power, gas, water, compressed air and hydraulic lines, this new type of systemised technology guarantees you order and safety in any temporary or permanent cable network. Manufactured from black polyurethane with structured anti-slip surface and striking yellow polyethylene cover, the KAB.3 PROTECT with 3 cable ducts is ideal for daily use, indoors and out. The cable crossover elements can be inter-connected using the single journals available. Every cable crossover is supplied with one pair or connecting journals. The hinged lid remains vertical when feeding in the cables and can be safely closed quickly and easily using the integrated slide fastener. The comprehensive range of accessory components expands KAB.3 PROTECT into a flexible system with an excellent price/performance ratio.

Important product advantages

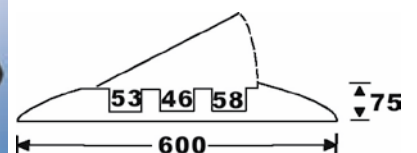
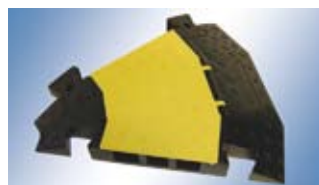
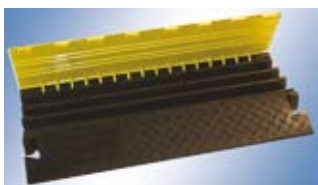
- Rapid installation thanks to the plug-fit system
- Many varied uses
- Can be extended without limit
- Easy to retrofit
- Warning colour: yellow/black
- Tried and trusted polyurethane material
- Break-proof and resistant to friction
- High loading capacity
- Insulating
- Anti-slip
- Temperature-resistant and insensitive to weather conditions
- Resistant to solvents, petrol, oil and road salt
- Long service life

Unlimited range of applications

- Construction sites, roads, pedestrian paths, public places
- Entertainment centres, theatres, trade fairs, concert halls
- Event and sports areas, open air events
- Film, radio and television, as well as studios
- Factory halls, corporate sites
- Airports, ports
- Disaster sites, military

Technical data

	CABLE CROSSOVER	45° CURVE	END RAMP	JOINING PIECE
Order no.	242122	249217	242184	242183
Lower part material	Polyurethane (black)			
Lid material	Polyurethane (yellow warning colour)		—	—
Cable ducts				
- Number:	3 ducts			—
- Width:	53 / 46 / 58 mm			—
- Height:	50 mm			—
Dimensions (LxWxH)	1000 x 600 x 75 mm	600 (radius) x 75 mm	150 x 600 x 75 mm	—
Weight	19 kg	4 kg	2.6 kg	—
Load capacity	up to 36 t			
Fire-resistant	to DIN 4102 - B2			
Accessories	Joining piece		Integrated joining piece	—
Note	Not suitable for tracked vehicles!			



GIFAS CABLE CROSSOVER JUNIOR



GIFAS CABLE CROSSOVER JUNIOR

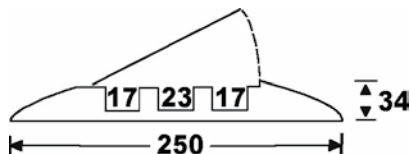
Technical data

Material:

- Base unit:	Hard polyurethane
- Cover:	ABS copolymers
Shore A hardness:	90-95
Max. load:	0.17 kN/qcm
Ductile yield:	600% to DIN 53504
Version:	to VDE 0100, part 704 CENELEC HD 384-7-704 and IEC 364-7

Important product advantages

- Fire resistant to class 1
- Rapid installation thanks to the plug-fit system
- Can be extended as required
- Orange signal colour on the cover
- Cover is fitted with Velcro fasteners down the entire length and can be opened for inspection purposes with using any tools
- Resistant to solvents, acid, oil and road salt
- Resistant to weather conditions and ageing
- Tried and trusted polyurethane material
- Break-proof, high load capacity and resistant to friction
- Insulating
- Anti-slip

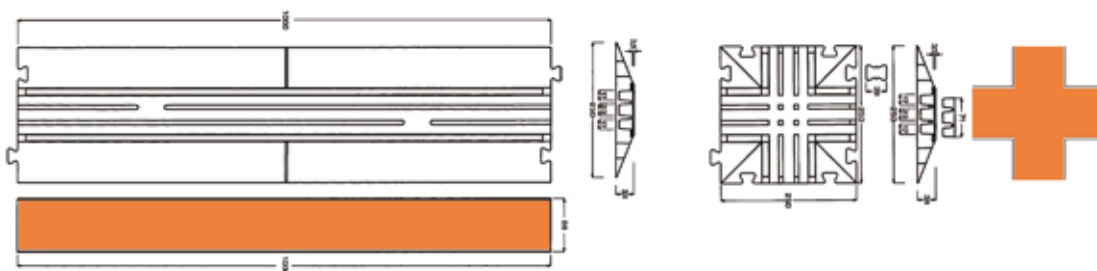


W = 250 mm, H = 34 mm
Duct widths: 17, 23, 17 mm

Applications

- Construction sites, roads, pedestrian paths, public places
- Entertainment centres, trade fairs, concert halls, festival grounds
- Film, radio and television, as well as photo studios
- Factory halls, corporate sites

Order no.	GIFAS type	Dimensions LxWxH	No. of ducts	Weight / kg
240109	KAB.3.JUNIOR	1000 x 250 x 34 mm	three-row	approx. 3.25
240110	KAB.3.JUNIOR.KREUZ	250 x 250 x 34 mm	three-row	approx. 1.0



GIFAS HOSE CROSSOVER



GIFAS HOSE CROSSOVER

Technical data

Material:	Solid rubber
Shore A hardness:	90–95
Inclination angle:	approx. 15°
Max. load:	40 t
Version:	similar to DIN 14820

Product advantages

- Made from reinforced solid rubber with reliably inter-connecting crossover points which can also be used as carrying handles
- For 2 B hoses or 2 C hoses each
- Completely stable for any loaded weight
- Will not crack or break
- Anti-slip
- Absolute hose protection
- Free water flow by completely embedding the hoses into the crossover unit
- Adjustment to uneven base conditions

Applications

- In all areas which require sufficient fuse protection when laying hoses, e.g. fire service deployments

Order no.	GIFAS type	Dimensions LxWxH	No. of ducts	Weight / kg
204731	HOSE.CROSSOVER	300 x 860 x 90 mm	two-row	approx. 11.5

Contact us



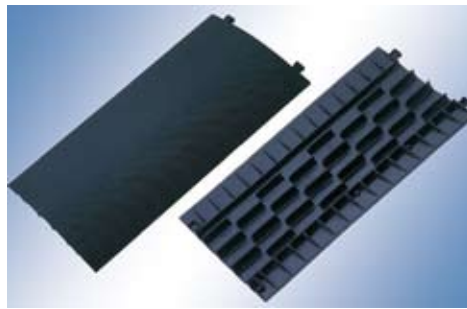
We look forward to become acquainted with you personally!

Custom made solutions

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GIFAS CABLE CROSSOVER MINI



GIFAS CABLE CROSSOVER MINI

Description

The cable crossover COMPACT is the cost-effective option to the STANDARD and MIDI versions. A raised pattern rows shaped in the base allow a variety of cables to be laid underneath the cable crossover and thus bear the weight of vehicles travelling over it. It can be driven over safely with HGVs.

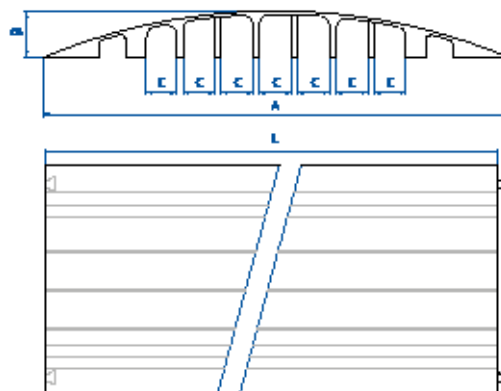
Product features

The cable crossover is manufactured from black polyurethane with a ribbed anti-slip surface. The TPU (thermoplastic polyurethane) is extremely friction-proof and flexible. Thanks to this new material formula, improved traction is guaranteed. The moulded connectors permit rapid connection, and the connectors cannot be lost.

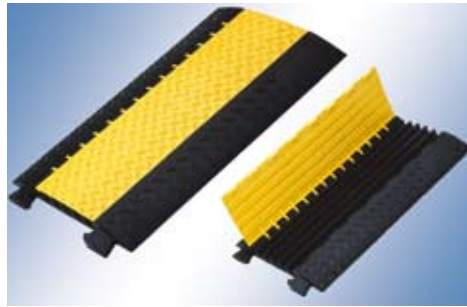
Technical data

Material:	Polyurethane
Length (L):	805 mm
Width (A):	420 mm
Overall height (B):	35 mm
Duct width (C):	30 mm
Duct height:	up to 30 mm
Weight:	approx. 3.5 kg

Order no.	GIFAS type	Dimensions LxWxH	Weight / kg
242930	CABLE CROSSOVER MINI	800 x 430 x 35 mm	ca. 3,5



GIFAS CABLE CROSSOVER MIDI



GIFAS CABLE CROSSOVER MIDI

Description

The cable crossover MIDI protects your cable transition points. It is ideal for power, gas, water, compressed air and hydraulic lines, and can be used anywhere, indoors and outdoors. It can be travelled over with a load bearing capacity of 5 t.

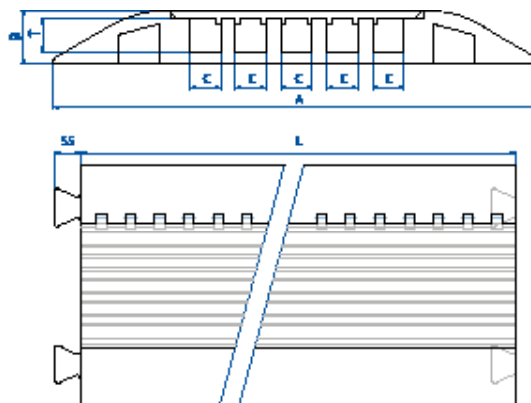
Technical data

Lower part material:	Polyurethane, black
Upper part material:	Polyurethane, yellow warning colour
Length (L):	870 mm
Width (A):	535 mm
Overall height (B):	55 mm
Ducts:	5 ducts
Duct width (C):	approx. 32 mm
Duct height (T):	approx. 35 mm
Weight:	approx. 12 kg

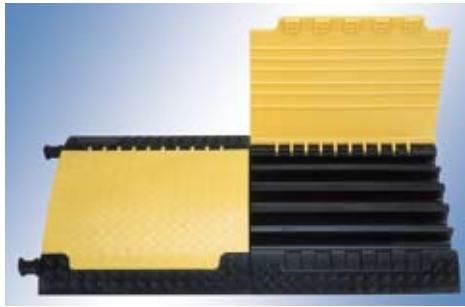
Product features

The cable crossover MIDI has 5 ducts. The hinged lid remains vertical when feeding in the cables and can be safely closed quickly and easily using the integrated slide fastener. Additional safety is provided by the yellow warning colour of the cover. The individual cable crossovers can be easily connected and therefore extended using vulcanized connectors. They are also anti-slip, temperature-resistant, insensitive to weather conditions, friction-proof and resistant to solvents, petrol, oil and road salt.

Order no.	GIFAS type	Dimensions LxWxH	No. of ducts	Weight / kg
247921	CABLE CROSSOVER MIDI	870 x 535 x 55 mm	5 rows	approx. 12
247924	END RAMP			
247923	45° CURVE			



GIFAS-KABELBRÜCKE MAXIMA



GIFAS CABLE CROSSOVER MAXIMA

Description

The cable crossover MAXIMA is our latest extension of our assortment. This cable crossover is equipped with 5 oversized cable ducts, 3 of them are for hoses type C for fire brigade (Ø 52 mm). Even high voltage cables are optimally protected. Load capacity up to 40 t.

Technical data

Lower part material:	Polyurethane, black
Upper part material:	Polyethylene, yellow warning colour
Flame protection class:	B2
Length:	750 mm
Width:	700 mm
Overall height:	90 mm
Ducts:	5
Duct width:	62 mm
Duct height:	55 / 65 / 60 / 65 / 55 mm
Weight:	approx. 21,40 Kg

Product features

Protect your cable crossovers with the new GIFAS CROSSOVER SYSTEM MAXIMA and avoid accidents and damage. Ideal for power, gas, water, compressed air and hydraulic lines, this new type of systemised technology guarantees you order and safety in any temporary or permanent cable network. The cable crossovers can be connected to each other by joining pieces. The hinge-joint cover stays during the cable entry perpendicularly and can be fast and simply locked by the integrated zipper system.

Order no.	GIFAS type	Dimensions LxWxH	No. of ducts	Weight / kg
256032	CABLE CROSSOVER MAXIMA	750 x 700 x 90 mm	5 rows	approx. 21,40
256034	END RAMP			

