

# DATA CABLES

## GAALFLEX® DATA 300 IN TP

paired/triads PUR data cable with drain wire individual and overall aluminium tape screen, 300/500 V



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type R2
<b>Colour cores:</b>	pairs: blue-black, with black progressively numbered. triads: blue-brown-black, with black progressively numbered.
<b>Stranding:</b>	cores twisted in pairs/triads, pairs/triads twisted in layers
<b>Screen:</b>	
<i>Individual:</i>	aluminium tape + PETP foil + tinned copper drain wire
<i>Overall:</i>	aluminium tape + PETP foil + tinned copper drain wire
<b>Outer sheath:</b>	black (RAL 9005) or blue (RAL 5015), PUR compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Low smoke emission acc. to:**  
DIN VDE 0482 part.268-2  
EN 50268-2,  
IEC 61034-1

### Technical data:

<b>Nominal voltage:</b>	300/500 V
<b>Test voltage:</b>	2000 V
<b>Temperature range</b>	
<i>Fixed laying:</i>	-30°C up to +70°C
<i>Flexible installation:</i>	-5°C up to +70°C
<i>Max. short circuit temperature:</i>	up to + 160°C
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	10 x d
<i>Flexible installation:</i>	/
<b>Radiation resistance:</b>	$8 \times 10^7$ cJ/kg

### Features:

on request tinned copper conductor  
cores identification acc. to CEI UNEL 00725  
acc. to standard EN 50288-7  
on request:  
acc. to DIN VDE 0482 part 265-5-2 / EN 50266-5-2 / IEC 60332-3-24  
identified with "5" on the 5th number of the Part. no  
RoHS and CE approva



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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
35200D7X022M05	2x2x0,50	8,5	30	65	20
35200D7X032M05	3x2x0,50	9,4	45	75	20
35200D7X042M05	4x2x0,50	10,2	61	105	20
35200D7X062M05	6x2x0,50	13	92	170	20
35200D7X122M05	12x2x0,50	17	110	225	20
35200D7X242M05	24x2x0,50	23	160	305	20
35200D7X022M07	2x2x0,75	8,8	43,2	90	19
35200D7X032M07	3x2x0,75	9,7	70	125	19
35200D7X042M07	4x2x0,75	10,8	81,6	150	19
35200D7X062M07	6x2x0,75	13,3	157	290	19
35200D7X122M07	12x2x0,75	18	235,2	397	19
35200D7X242M07	24x2x0,75	25,5	320	589	19
35200D7X022M10	2x2x1	9,1	53	110	18
35200D7X032M10	3x2x1	10,2	91	155	18
35200D7X042M10	4x2x1	11,4	115	220	18
35200D7X062M10	6x2x1	13,9	178	325	18
35200D7X122M10	12x2x1	19,4	372	620	18
35200D7X242M10	24x2x1	28	510	980	18
35200D7X022M15	2x2x1,5	10	67	125	16
35200D7X032M15	3x2x1,5	11,1	132	250	16
35200D7X042M15	4x2x1,5	12,3	168	312	16
35200D7X062M15	6x2x1,5	15,2	223	455	16
35200D7X122M15	12x2x1,5	21,9	495	890	16
35200D7X242M15	24x2x1,5	32	680	1200	16
35200D7X023M05	2x3x0,50	9,6	40	78	20
35200D7X033M05	3x3x0,50	10,3	65	95	20
35200D7X043M05	4x3x0,50	10,5	84	140	20
35200D7X063M05	6x3x0,50	13,6	130	210	20
35200D7X123M05	12x3x0,50	17,5	190	345	20
35200D7X243M05	24x3x0,50	24	250	470	20
35200D7X023M07	2x3x0,75	10,5	57,6	125	19
35200D7X033M07	3x3x0,75	10,8	80	156	19
35200D7X043M07	4x3x0,75	11,6	110,4	210	19
35200D7X063M07	6x3x0,75	14	187	340	19
35200D7X123M07	12x3x0,75	19	270	496	19
35200D7X243M07	24x3x0,75	26,5	410	780	19
35200D7X023M10	2x3x1	10,9	78	145	18
35200D7X033M10	3x3x1	11,3	115	195	18
35200D7X043M10	4x3x1	12,5	156	295	18
35200D7X063M10	6x3x1	14,5	247	478	18
35200D7X123M10	12x3x1	20,4	430	770	18
35200D7X243M10	24x3x1	29,3	615	1180	18
35200D7X023M15	2x3x1,5	11	95	178	16
35200D7X033M15	3x3x1,5	11,5	198	350	16
35200D7X043M15	4x3x1,5	13,8	228	405	16
35200D7X063M15	6x3x1,5	17,1	310	585	16
35200D7X123M15	12x3x1,5	23	570	1050	16
35200D7X243M15	24x3x1,5	35	870	1470	16

Other dimension and colours available on request.