

## GAALSHIP® INSTRUMENTATION IEEE type P

Extremely flexible, I 10°C, 0,6/1 kV, individual-overall screened pairs/triples, unarmoured

ELETTROTEK KABEL® GAALSHIP® INSTRUMENTATION IEEE type P



### Construction:

<b>Conductor:</b>	flexible tinned copper conductor, acc to IEEE 1580 table 11
<b>Insulation:</b>	special cross-linked polyolefin acc. to IEEE type P, and UL 1309/CSA 245 type X110
<b>Cores color:</b>	pairs: black-white triples: black-white-red
<b>Stranding:</b>	Each pair/triple is twisted with a bare tinned drain wire
<b>Individual Screen:</b>	Aluminium/polyester tape
<b>Stranding:</b>	laying up in pairs/triples
<b>Overall screen:</b>	Aluminium/polyester tape
<b>Outer sheath:</b>	black (RAL 9005) thermosetting compound acc. to UL 1309/CSA 245 and IEEE 1580

### Resistance:



**Fire retardant acc. to:**  
IEC 60332-3-22,  
IEEE 1202

### Technical data:

<b>Nominal voltage:</b>	0,6/1 kV
<b>Temperature range:</b>	-40°C up to +110°C
<b>Capacitance (nF/MFt)*:</b>	
AWG 18:	28
AWG 16:	32
AWG 14 (pairs):	37
<b>inductance (mH/MFt)*:</b>	
AWG 18:	0,22
AWG 16:	0,20
AWG 14 (pairs):	0,19
<b>Resistance (Ohms/MFt)*:</b>	
AWG 18:	7,21 (at 20°C)
AWG 16:	4,52 (at 20°C)
AWG 14 (pairs):	2,85 (at 20°C)

\* Pairs/triples values

### Features:

Oil abrasion, chemical, moisture, cold resistant  
Sunlight resistant  
low toxic and corrosive gases emissions  
highest ampacity ratings:  
ABS 100°C, DNV 95°C, Transport Canada 95°C  
NVE 95/16996, FAL  
Transport Canada  
Det Norske Veritas (DNV)  
Lloyd's register of shipping (LRS)  
American Bureau of Shipping (ABS)  
UL listed as Marine Shipboard Cables  
United States Coast Guard November 2, 1987  
CSA listed as Marine shipboard cables



LISTED

on request blue outer sheath or with stripe for intrinsically safe circuits



Available on stock CABLE GLANDS:  
see page 404 up to 416 of catalogue.

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Part no.	No. of pairs/triples x AWG	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
22010G7X012A18	1 x 2 x 18	0,336	63
22010G7X022A18	2 x 2 x 18	0,551	131
22010G7X032A18	3 x 2 x 18	0,581	163
22010G7X042A18	4 x 2 x 18	0,630	195
22010G7X052A18	5 x 2 x 18	0,685	243
22010G7X072A18	7 x 2 x 18	0,742	340
22010G7X082A18	8 x 2 x 18	0,8	388
22010G7X102A18	10 x 2 x 18	0,976	495
22010G7X122A18	12 x 2 x 18	1,011	581
22010G7X162A18	16 x 2 x 18	1,121	748
22010G7X182A18	18 x 2 x 18	1,181	824
22010G7X242A18	24 x 2 x 18	1,382	1069
22010G7X012A16	1 x 2 x 16	0,356	77
22010G7X022A16	2 x 2 x 16	0,565	160
22010G7X032A16	3 x 2 x 16	0,617	200
22010G7X042A16	4 x 2 x 16	0,671	239
22010G7X052A16	5 x 2 x 16	0,73	297
22010G7X072A16	7 x 2 x 16	0,792	416
22010G7X082A16	8 x 2 x 16	0,896	475
22010G7X102A16	10 x 2 x 16	1,047	606
22010G7X122A16	12 x 2 x 16	1,081	711
22010G7X162A16	16 x 2 x 16	1,207	948
22010G7X182A16	18 x 2 x 16	1,265	1100
22010G7X202A16	20 x 2 x 16	1,327	1215
22010G7X242A16	24 x 2 x 16	1,482	1510
22010G7X012A14	1 x 2 x 14	0,386	97
22010G7X022A14	2 x 2 x 14	0,621	202
22010G7X032A14	3 x 2 x 14	0,658	251
22010G7X042A14	4 x 2 x 14	0,721	301
22010G7X052A14	5 x 2 x 14	0,791	374
22010G7X072A14	7 x 2 x 14	0,905	524
22010G7X082A14	8 x 2 x 14	0,979	498
22010G7X102A14	10 x 2 x 14	1,148	747
22010G7X122A14	12 x 2 x 14	1,186	896
22010G7X013A18	1 x 3 x 18	0,354	75
22010G7X023A18	2 x 3 x 18	0,649	183
22010G7X033A18	3 x 3 x 18	0,688	190
22010G7X043A18	4 x 3 x 18	0,755	281
22010G7X053A18	5 x 3 x 18	0,871	286
22010G7X073A18	7 x 3 x 18	0,947	409
22010G7X083A18	8 x 3 x 18	1,026	515
22010G7X123A18	12 x 3 x 18	1,244	766
22010G7X013A16	1 x 3 x 16	0,376	86
22010G7X033A16	3 x 3 x 16	0,735	218
22010G7X043A16	4 x 3 x 16	0,807	410
22010G7X063A16	6 x 3 x 16	1,012	630
22010G7X073A16	7 x 3 x 16	1,012	710
22010G7X083A16	8 x 3 x 16	1,09	729

Other dimensions and colors available on request.