

GAALSHIP® INSTRUMENTATION IEEE type P B

Extremely flexible, I 10°C, 0,6/1 kV, individual-overall screened pairs/triples, armoured (B)



Construction:

Conductor:	flexible tinned copper conductor, acc to IEEE 1580 table 11
Insulation:	special cross-linked polyolefin acc. to IEEE type P, and UL 1309/CSA 245 type X110
Cores color:	pairs: black-white triples: black-white-red
Stranding:	each pair/triple is twisted with a bare tinned drain wire
Individual Screen:	aluminium/polyester tape
Stranding:	laying up in pairs/triples
Overall screen:	aluminium/polyester tape
Inner sheath:	thermosetting compound acc. to UL 1309/CSA 245 and IEEE 1580
Armouring:	basket weave bronze wire, acc. to IEEE 1580 and UL 1309/CSA 245 on request tinned copper

Resistance:



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

Technical data:

Nominal voltage:	0,6/1 kV
Temperature range:	-40°C up to +110°C
Capacitance (nF/Mft)*:	
AWG 18:	28
AWG 16:	32
AWG 14 (pairs):	37
inductance (mH/Mft)*:	
AWG 18:	0,22
AWG 16:	0,20
AWG 14 (pairs):	0,19
Resistance (Ohms/Mft)*:	
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

on request tinned copper wire braid armouring



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

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Extremely flexible, 110°C, 0,6/1 kV, individual-overall screened pairs/triples, armoured (B)



Part no.	No. of pairs/triples x AWG	Ø under armour ca. inches ± 10%	Outer-Ø ca. inches ± 10%	Cable weight approx. lbs/MFt.
22020G7X012A18	1 x 2 x 18	0,336	0,386	123
22020G7X022A18	2 x 2 x 18	0,551	0,601	204
22020G7X032A18	3 x 2 x 18	0,581	0,631	265
22020G7X042A18	4 x 2 x 18	0,630	0,68	317
22020G7X052A18	5 x 2 x 18	0,685	0,735	395
22020G7X072A18	7 x 2 x 18	0,742	0,792	457
22020G7X082A18	8 x 2 x 18	0,8	0,85	521
22020G7X102A18	10 x 2 x 18	0,976	1,026	699
22020G7X122A18	12 x 2 x 18	1,011	1,061	780
22020G7X162A18	16 x 2 x 18	1,121	1,171	833
22020G7X182A18	18 x 2 x 18	1,181	1,231	1050
22020G7X242A18	24 x 2 x 18	1,382	1,432	1151
22020G7X012A16	1 x 2 x 16	0,356	0,406	120
22020G7X022A16	2 x 2 x 16	0,565	0,615	249
22020G7X032A16	3 x 2 x 16	0,617	0,667	311
22020G7X042A16	4 x 2 x 16	0,671	0,721	389
22020G7X052A16	5 x 2 x 16	0,73	0,78	483
22020G7X072A16	7 x 2 x 16	0,792	0,842	559
22020G7X082A16	8 x 2 x 16	0,896	0,946	638
22020G7X102A16	10 x 2 x 16	1,047	1,097	787
22020G7X122A16	12 x 2 x 16	1,081	1,131	923
22020G7X162A16	16 x 2 x 16	1,207	1,257	1231
22020G7X182A16	18 x 2 x 16	1,265	1,315	1260
22020G7X202A16	20 x 2 x 16	1,327	1,377	1476
22020G7X242A16	24 x 2 x 16	1,482	1,532	1625
22020G7X012A14	1 x 2 x 14	0,386	0,436	151
22020G7X022A14	2 x 2 x 14	0,621	0,671	315
22020G7X032A14	3 x 2 x 14	0,658	0,708	391
22020G7X042A14	4 x 2 x 14	0,721	0,771	469
22020G7X052A14	5 x 2 x 14	0,791	0,841	608
22020G7X072A14	7 x 2 x 14	0,905	0,955	704
22020G7X082A14	8 x 2 x 14	0,979	1,029	803
22020G7X102A14	10 x 2 x 14	1,148	1,198	1003
22020G7X122A14	12 x 2 x 14	1,186	1,236	1203
22020G7X013A18	1 x 3 x 18	0,354	0,404	144
22020G7X023A18	2 x 3 x 18	0,649	0,699	290
22020G7X033A18	3 x 3 x 18	0,688	0,738	305
22020G7X043A18	4 x 3 x 18	0,755	0,805	408
22020G7X053A18	5 x 3 x 18	0,871	0,921	419
22020G7X073A18	7 x 3x 18	0,947	0,997	565
22020G7X083A18	8 x 3 x 18	1,026	1,076	680
22020G7X123A18	12 x 3 x 18	1,244	1,294	965
22020G7X013A16	1 x 3 x 16	0,376	0,426	155
22020G7X033A16	3 x 3 x 16	0,735	0,785	338
22020G7X043A16	4 x 3 x 16	0,807	0,857	530
22020G7X063A16	6 x 3 x 16	1,012	1,062	750
22020G7X073A16	7 x 3 x 16	1,012	1,062	835
22020G7X083A16	8 x 3 x 16	1,09	1,14	876

Other dimensions and colors available on request.