

Special cable partially longitudinally water blocked

acc. to VG 95218 part 29G and H



Application & characteristics

Suitable for outside installation on submarines.

Suitable for fixed installation and installation in flexible chains.

Operating temperature > -50 °C up to +90 °C

Construction

- ① Core > conductor with fine stranded tin-plated copper
- ② Insulation > special elastomer, black with white printed numbers
- ③ Water-blocking tapes
- ④ Water-blocking fillers
- ⑤ Outer shielding > copper braid with tin-plated wires
- ⑥ Sheath > polyurethane, flame retardant, black

Type description	Ø single core max.	Sheath wall thickness min.	Cable Ø min.	Cable Ø max.	Weight max.	Transfer impedance max.	Operating voltage AC/DC	VG part no.	Order no.
	mm	mm	mm	mm	kg/km	mΩ/m	V		
acc. to VG 95218 part 29G and H									
PLWDC 1 x 35	11.3	2.0	17.0	17.5	680	30	600/900	VG95218T029G001	ERK 019361
PLWDC 1 x 120	21.6	2.0	28.7	29.3	2,000	30	600/900	VG95218T029G002	ERK 019358
PLWDC 1 x 185	25.3	2.0	31.9	32.5	2,900	30	600/900	VG95218T029G003	ERK 023045
PLWDC 1 x 240	29.8	2.0	35.0	36.5	4,050	30	600/900	VG95218T029G004	ERK 019360
PLWDC 2 x 1.5	2.4	2.2	10.4	11.0	150	30	500	VG95218T029H001	ERK 019367
PLWDC 3 x 1.5	2.4	2.0	10.8	11.2	170	30	500	VG95218T029H002	ERK 019370
PLWDC 3 G 1.5*	2.4	2.0	10.8	11.2	170	30	500	VG95218T029H003	ERK 015666
PLWDC 4 x 0.5	1.5	2.0	9.3	9.7	140	30	500	VG95218T029H004	ERK 019388
PLWDC 4 x 1.0	2.2	1.8	10.0	10.6	175	30	500	VG95218T029H005	ERK 6422
PLWDC 4 x 6 + 2 x 1.0	5.2/2.2	2.0	18.7	19.3	785	30	500	VG95218T029H006	EHRK 6424
PLWDC 7x 1.5	2.4	2.0	13.3	13.7	280	30	500	VG95218T029H007	ERK 019387
PLWDC 4 x 2 x 0.75	1.9	1.8	14.8	15.2	275	30	500	VG95218T029H008	ERK 019371
PLWDC 12 x 1.5	2.4	1.8	16.2	16.6	425	30	500	VG95218T029H009	ERK 019363
PLWDC 8 x 2 x 0.75	1.9	1.8	16.9	17.5	415	30	500	VG95218T029H010	ERK 019374
PLWDC 24 x 1.5	2.4	2.0	20.8	21.4	835	30	500	VG95218T029H011	ERK 019385
PLWDC 37 x 0.75	1.9	1.5	18.3	18.9	650	30	500	VG95218T029H012	ERK 019386
PLWDC 27 x 2 x 0.38	1.35	1.5	22.0	22.6	630	30	500	VG95218T029H013	ERK 6499
PLWDC 19 x 6	5.2	2.5	33.0	33.5	1,800	30	500	VG95218T029H014	ERK 5870
PLWDC 4 x 0.5	1.5	0.5	6.0	6.4	70	30	500	VG95218T029H015	ERK 019372
PLWDC 2 x 0.75	1.9	1.3	7.8	8.2	96	30	500	VG 95218T29H016	ERK 020197
PLWDC 2 x 6.0	5.2	2.0	16.8	17.4	410	30	500	VG 95218T29H017	ERK 014089
PLWDC 5 x 1.5	2.4	1.8	11.6	12.0	230	30	500	VG 95218T29H018	ERK 019373
PLWDC 5G 1.5*	2.4	1.8	11.6	12.0	230	30	500	VG 95218T29H019	ERK 022700
PLWDC 10 x 2 x 0.75	1.9	2.0	21.9	22.5	600	30	500	VG 95218T29H020	ERK 020607
PLWDC 3 x 0.75	1.9	1.3	8.0	8.4	110	30	500	VG 95218T29H021	ERK 022702
PLWDC 4 x 6	5.2	2.0	18.7	19.3	785	30	500	VG95218T029H022	ERK 022704
PLWDC 14 x 2 x 0.75	1.9	2.0	24.3	24.9	820	30	500	VG95218Z029H023	ERK 22706

* G: one green/yellow core