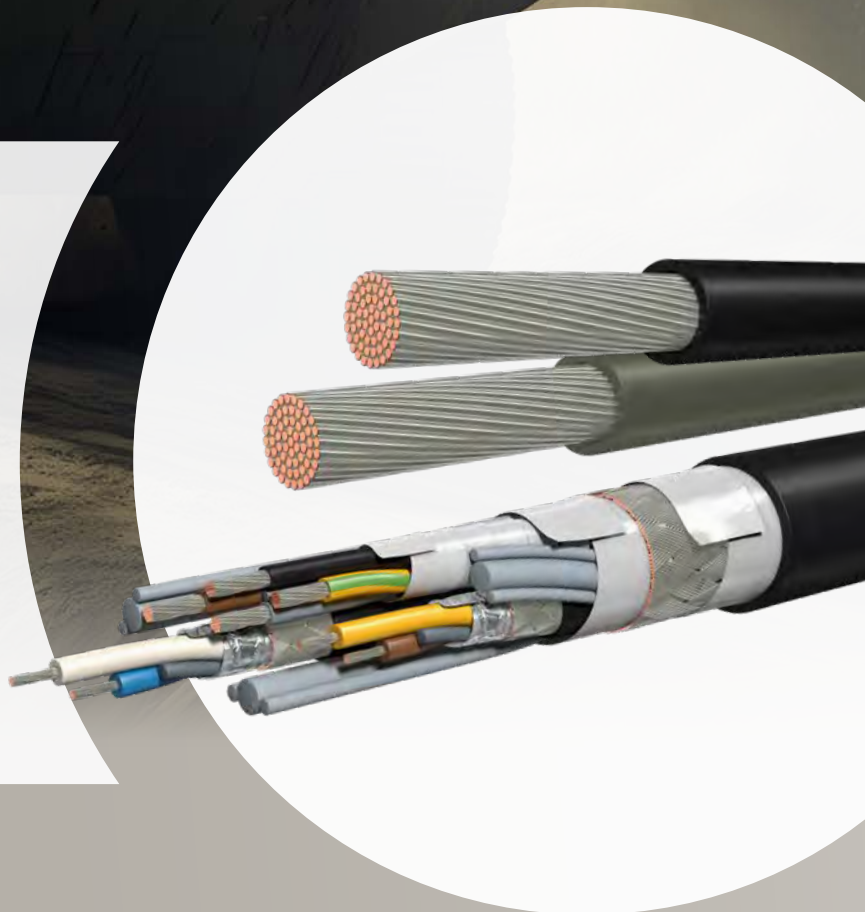


BizLink

*The new cable generation
for Land Defense Applications*



Defense

With a focus on the **Land Defense** market, BizLink provides the customer with all the expertise of a global enterprise, focused on the needs of armed forces worldwide.



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BizLink – Your strong partner

With an extensive portfolio of products and services, BizLink will assist you across the entire lifecycle of your projects – worldwide.

BizLink offers cables and cable systems meeting national and international standards as well as also customized application-specific requirements.

Innovative quality products, prove and project-related systems solutions as well as highest availability and sustainable service management are inherent for BizLink.



BizLink product line the new cable generation

Our innovative cable solutions for land defense applications are ideal for installation in tanks and all types of military vehicles. The product range includes single wires, twisted wire groups, screened twisted wire groups and cables.



Solutions acc. to VG 95218

Highest quality and availability in cables

With our product line for land defense applications, we meet the unique requirements of manufacturers and users within armed forces worldwide. Our cables and cable systems are characterized by exceptional durability, ensuring a long service life while facilitating effortless installation or repair in the event of damage during operation.

Many of our cables align closely with national military standards, such as the German military standard VG (Verteidigungsgerätenorm), either directly referencing these standards or designed with close connections to them.

We have the capability to provide products, manufactured in our own production plants, according to the following standards

- **VG 95218 part 7** (customized solutions)
- **VG 95218 part 20A** (single wires)
- **VG 95218 part 20P** (single wires)
- **VG 95218 part 21F** (twisted wire groups)
- **VG 95218 part 23G** (twisted screened wire groups)
- **VG 95218 part 28C&E** (screened cables)
- **VG 95218 part 31** (several types of communication cables)
- **VG 95218 part 32** (cables with additional ADR approval)
- **VG 95218 part 101** (coaxial cables)

Typical characteristics of our halogen-free cable solutions >

- Operating life-time of minimum 20,000 hours
- Toxicity index lower than 5*
- Fire resistant
- Non-corrosive in case of fire*
- Low smoke density in case of fire*
- Highly oil-resistant*

* not valid for cables VG 95218TO29 G-M

Introducing our latest product line, according to **VG 95218 part 32** standards >

These cables undergo rigorous testing to meet the high requirements of German military standards and are additionally approved by ISO standards for the safe transportation of dangerous goods on all roads.

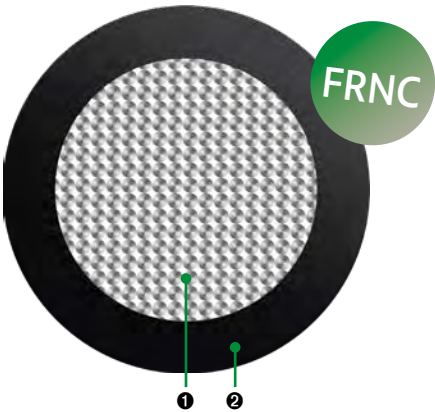
Furthermore, the cables have ADR approval, making BizLink the standout manufacturer in Germany.

*ADR
Accord européen relatif au transport international des marchandises Dangereuses par Route.
Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße.
Agreement concerning the International Carriage of Dangerous Goods by Road.

We are able to customize cables and cable systems with various VG-approved components as well as with elements that comply with national or international standards.

In addition, we offer a variety of customized cable designs specifically developed for soldiers' personal equipment.

Installation wire hook-up
acc. to VG 95218 part 20E



Application & characteristics

The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.

Operating temperature ➤ -55 °C up to +105 °C

Max. voltage ➤ AC 600 V / DC 900 V

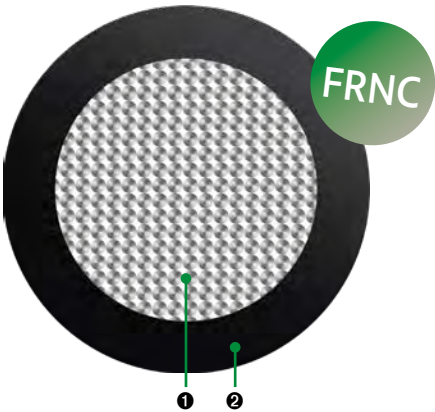
Construction

- ❶ Core ➤ conductor with fine stranded wires
- ❷ Insulation ➤ the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials.

Color codes for installation wire, hook-up

Type description		Colors Part No. acc. to VG95218T20E BizLink Part no.											
nom. mm²	AWG	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	yellow/green G	
0.15	26	E120	E121	E122	E123	E124	E125	E126	E127	E128	E129	E12G	
		ESL 206839	ESL 206840	ESL 206841	ESL 206842	ESL 206843	ESL 206844	ESL 206845	ESL 206846	ESL 206847	ESL 206838	ESL 206848	
0.25	24	E010	E011	E012	E013	E014	E015	E016	E017	E018	E019	E01G	
		ESL 206851	ESL 206852	ESL 206853	ESL 206854	ESL 206855	ESL 206856	ESL 206857	ESL 206858	ESL 206859	ESL 206850	ESL 206860	
0.4	22	E020	E021	E022	E023	E024	E025	E026	E027	E028	E029	E02G	
		ESL 206864	ESL 206865	ESL 206866	ESL 206867	ESL 206868	ESL 206869	ESL 206870	ESL 206871	ESL 206872	ESL 206863	ESL 206873	
0.5	21	E030	E031	E032	E033	E034	E035	E036	E037	E038	E039	E03G	
		ESL 206804	ESL 206805	ESL 206806	ESL 206807	ESL 206808	ESL 206809	ESL 206810	ESL 206811	ESL 206812	ESL 206803	ESL 206813	
0.6	20	E040	E041	E042	E043	E044	E045	E046	E047	E048	E049	E04G	
		ESL 206876	ESL 206877	ESL 206878	ESL 206879	ESL 206880	ESL 206881	ESL 206882	ESL 206883	ESL 206884	ESL 206875	ESL 206885	
0.75	19	E050	E051	E052	E053	E054	E055	E056	E057	E058	E059	E05G	
		ESL 206888	ESL 206889	ESL 206890	ESL 206891	ESL 206892	ESL 206893	ESL 206894	ESL 206895	ESL 206896	ESL 206887	ESL 206897	
1.0	18	E060	E061	E062	E063	E064	E065	E066	E067	E068	E069	E06G	
		ESL 206900	ESL 206901	ESL 206902	ESL 206903	ESL 206904	ESL 206905	ESL 206906	ESL 206907	ESL 206908	ESL 206899	ESL 206909	
1.2	16	E070	E071	E072	E073	E074	E075	E076	E077	E078	E079	E07G	
		ESL 206912	ESL 206913	ESL 206914	ESL 206915	ESL 206916	ESL 206917	ESL 206918	ESL 206919	ESL 206920	ESL 206911	ESL 206921	
1.5	15	E080	E081	E082	E083	E084	E085	E086	E087	E088	E089	E08G	
		ESL 206816	ESL 206817	ESL 206818	ESL 206819	ESL 206820	ESL 206821	ESL 206822	ESL 206823	ESL 206824	ESL 206815	ESL 206825	
2.0	14	E090	E091	E092	E093	E094	E095	E096	E097	E098	E099	E09G	
		ESL 206924	ESL 206925	ESL 206926	ESL 206927	ESL 206928	ESL 206929	ESL 206930	ESL 206931	ESL 206932	ESL 206923	ESL 206933	
2.5	13	E100	E101	E102	E103	E104	E105	E106	E107	E108	E109	E10G	
		ESL 206936	ESL 206937	ESL 206938	ESL 206939	ESL 206940	ESL 206941	ESL 206942	ESL 206943	ESL 206944	ESL 206935	ESL 206945	
3.0	12	E110	E111	E112	E113	E114	E115	E116	E117	E118	E119	E11G	
		ESL 206948	ESL 206949	ESL 206950	ESL 206951	ESL 206952	ESL 206953	ESL 206954	ESL 206955	ESL 206956	ESL 206947	ESL 206957	
4.0	12	E130	E131	E132	E133	E134	E135	E136	E137	E138	E139	E13G	
		ESL 206959	ESL 206960	ESL 206961	ESL 206962	ESL 206963	ESL 206964	ESL 206965	ESL 206966	ESL 206967	ESL 206968	ESL 206969	
6.0	10	E140	E141	E142	E143	E144	E145	E146	E147	E148	E149	E14G	
		ESL 206970	ESL 206971	ESL 206972	ESL 206973	ESL 206974	ESL 206975	ESL 206976	ESL 206977	ESL 206978	ESL 206979	ESL 206980	
10	8	E150	E151	E152	E153	E154	E155	E156	E157	E158	E159	E15G	
		ESL 206827	ESL 206828	ESL 206829	ESL 206830	ESL 206831	ESL 206832	ESL 206833	ESL 206834	ESL 206835	ESL 206836	ESL 206837	

Installation wire hook-up
acc. to VG 95218 part 20P



Application & characteristics

The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.

Operating temperature ➤ -55 °C up to +105 °C

Max. voltage ➤ AC 600 V / DC 900 V

Construction

- ❶ Core ➤ conductor with fine stranded wires
- ❷ Insulation ➤ the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials.

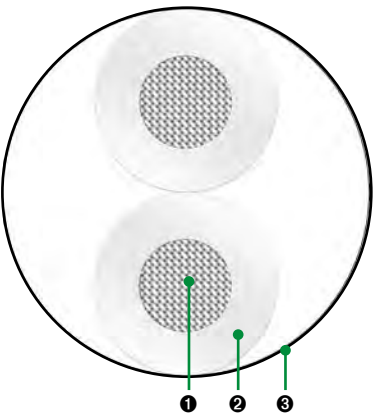
Color codes for installation wire, hook-up

Type description		Colors Part No. acc. to VG95218T020 BizLink part No.										
nom. mm²	AWG	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	yellow/green G
0.15	26	P120	P121	P122	P123	P124	P125	P126	P127	P128	P129	P12G
		ESL 016090	ESL 016091	ESL 016092	ESL 016093	ESL 016094	ESL 016095	ESL 016096	ESL 016097	ESL 016098	ESL 016089	ESL 016099
0.25	24	P010	P011	P012	P013	P014	P015	P016	P017	P018	P019	P01G
		ESL 016126	ESL 016127	ESL 016128	ESL 016129	ESL 016130	ESL 016131	ESL 016132	ESL 016133	ESL 016134	ESL 016025	ESL 016135
0.4	22	P020	P021	P022	P023	P024	P025	P026	P027	P028	P029	P02G
		ESL 016138	ESL 016139	ESL 016140	ESL 016141	ESL 016142	ESL 016143	ESL 016144	ESL 016145	ESL 016146	ESL 016137	ESL 016147
0.5	21	P030	P031	P032	P033	P034	P035	P036	P037	P038	P039	P03G
		ESL 016198	ESL 016199	ESL 016200	ESL 016201	ESL 016202	ESL 016203	ESL 016204	ESL 016205	ESL 016206	ESL 016197	ESL 016207
0.6	20	P040	P041	P042	P043	P044	P045	P046	P047	P048	P049	P04G
		ESL 016114	ESL 016115	ESL 016116	ESL 016117	ESL 016118	ESL 016119	ESL 016120	ESL 016121	ESL 016122	ESL 016113	ESL 016123
0.75	19	P050	P051	P052	P053	P054	P055	P056	P057	P058	P059	P05G
		ESL 016102	ESL 016103	ESL 016104	ESL 016105	ESL 016106	ESL 016107	ESL 016108	ESL 016109	ESL 016110	ESL 016101	ESL 016111
1.0	18	P060	P061	P062	P063	P064	P065	P066	P067	P068	P069	P06G
		ESL 016209	ESL 016210	ESL 016211	ESL 016212	ESL 016213	ESL 016214	ESL 016215	ESL 016216	ESL 016217	ESL 016208	ESL 016218
1.2	16	P070	P071	P072	P073	P074	P075	P076	P077	P078	P079	P07G
		ESL 016150	ESL 016151	ESL 016152	ESL 016153	ESL 016154	ESL 016155	ESL 016156	ESL 016157	ESL 016158	ESL 016149	ESL 016159
1.5	15	P080	P081	P082	P083	P084	P085	P086	P087	P088	P089	P08G
		ESL 016220	ESL 016221	ESL 016222	ESL 016223	ESL 016224	ESL 016225	ESL 016226	ESL 016227	ESL 016228	ESL 016219	ESL 016229
2.0	14	P090	P091	P092	P093	P094	P095	P096	P097	P098	P099	P09G
		ESL 016162	ESL 016163	ESL 016164	ESL 016165	ESL 016166	ESL 016167	ESL 016168	ESL 016169	ESL 016170	ESL 016161	ESL 016171
2.5	13	P100	P101	P102	P103	P104	P105	P106	P107	P108	P109	P10G
		ESL 016174	ESL 016175	ESL 016176	ESL 016177	ESL 016178	ESL 016179	ESL 016180	ESL 016181	ESL 016182	ESL 016173	ESL 016183
3.0	12	P110	P111	P112	P113	P114	P115	P116	P117	P118	P119	P11G
		ESL 016186	ESL 016187	ESL 016188	ESL 016189	ESL 016190	ESL 016191	ESL 016192	ESL 016193	ESL 016194	ESL 016185	ESL 016195
4.0	12	P130	P131	P132	P133	P134	P135	P136	P137	P138	P139	P13G
		ESL 024074	ESL 024075	ESL 024076	ESL 024077	ESL 024078	ESL 024079	ESL 024080	ESL 024081	ESL 024082	ESL 024083	ESL 024084
6.0	10	P140	P141	P142	P143	P144	P145	P146	P147	P148	P149	P14G
		ESL 024085	ESL 024086	ESL 024087	ESL 024088	ESL 024089	ESL 024090	ESL 024091	ESL 024092	ESL 024093	ESL 024094	ESL 024095
10	8	P150	P151	P152	P153	P154	P155	P156	P157	P158	P159	P15G
		ESL 024097	ESL 024098	ESL 024099	ESL 024100	ESL 024101	ESL 024102	ESL 024103	ESL 024104	ESL 024105	ESL 024106	ESL 024107
16	6	P160	P161	P162	P163	P164	P165	P166	P167	P168	P169	P16G
		ESL 025172	ESL 025173	ESL 025174	ESL 025175	ESL 025176	ESL 025177	ESL 025178	ESL 025179	ESL 025180	ESL 025181	ESL 025183
25	4	P170	P171	P172	P173	P174	P175	P176	P177	P178	P179	P17G
		*	*	*	*	*	*	*	*	*	ESL 026483	*
35	2	P180	P181	P182	P183	P184	P185	P186	P187	P188	P189	P18G
		*	*	*	*	*	*	*	*	*	ESL 026484	*
50		P190	P191	P192	P193	P194	P195	P196	P197	P198	P199	P19G
		*	*	*	*	*	*	*	*	*	ESL 028682	*
70		P200	P201	P202	P203	P204	P205	P206	P207	P208	P209	P20G
		ESL 028685	*	*	*	*	*	*	*	*	*	*
95		P210	P211	P212	P213	P214	P215	P216	P217	P218	P219	P21G
		ESL 028684	*	*	*	*	*	*	*	*	ESL 028683	*
120		P220	P221	P222	P223	P224	P225	P226	P226	P228	P229	P22G
		ESL 028717	*	*	*	*	*	*	*	*	*	*
150		P230	P231	P232	P233	P234	P235	P236	P237	P238	P239	P23G
		*	*	*	*	*	*	*	*	*	*	*

* on request

Open twisted installation wire

acc. to V95218-21 part 21F



Application & characteristics

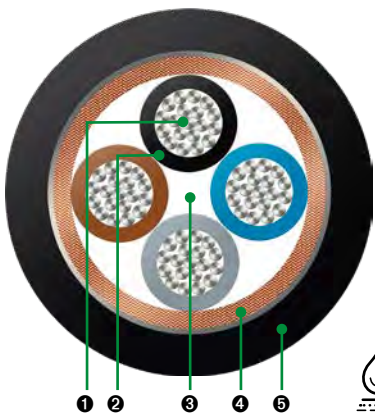
The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.
Operating temperature > -55 °C up to +105 °C
Max. voltage > AC 600 V / DC 900 V

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials,
- 3 Twisted pair

Halogen-free cables

acc. to VG 95218-28-4 (type C)



Application & characteristics

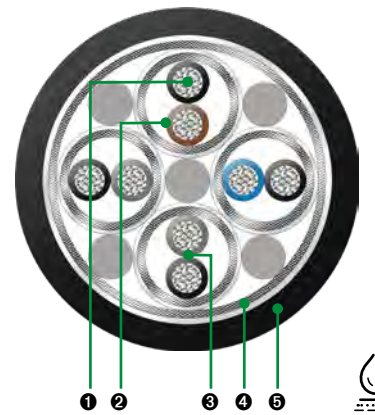
The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.
Operating temperature > -40 °C up to +105 °C Max. voltage > AC 600 V / DC 900 V

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Twisted elements acc. to VG 95218 part 21F
- 4 Outer shielding > copper braid with tin-plated wires
- 5 Sheath > flame retardant, cross-linked, black

Halogen-free cables

acc. to VG 95218-28-6 (type E)



Application & characteristics

The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.
Operating temperature > -40 °C up to +105 °C Max. voltage > AC 600 V / DC 900 V

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Twisted triples acc. to VG 95218 part 23G
- 4 Outer shielding > copper braid with tin-plated wires
- 5 Sheath > flame retardant, cross-linked, black

Available products

- **Power cables** > cross section from 1.5 mm² up to 2.5 mm² and overall screen
- **Communication cables** > cross section 0.75 mm² and overall or pair and overall screens
- **Lightweight communication cables** > cross section from 0.15 up to 0.5 mm² with overall or pair/element and overall screens

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 28C									
FMGSGO 1x2x0.75	1.77	0.7	5.2	5.6	57	100	600/900	VG95218T028C082	ERK 016945
FMGSGO 2x2x0.75	1.77	0.7	5.7	6.3	79	100	600/900	VG95218T028C040	ERK 016472
FMGSGO 4x2x0.75	1.77	0.7	8.7	9.7	162	70	600/900	VG95218T028C050	ERK 016898
FMGSGO 6x2x0.75	1.77	0.8	10.1	11.3	225	45	600/900	VG95218T028C054	ERK 016846
FMGSGO 8x2x0.75	1.77	0.8	11.0	12.0	269	45	600/900	VG95218T028C059	ERK 016904
FMGSGO 10x2x0.75	1.77	0.8	12.2	13.4	341	30	600/900	VG95218T028C062	ERK 016911
FMGSGO 14x2x0.75	1.77	0.8	13.0	14.4	402	45	600/900	VG95218T028C067	ERK 016921
FMGSGO 16x2x0.75	1.77	0.8	14.4	15.8	479	30	600/900	VG95218T028C069	ERK 016924
acc. to VG 95218 part 28C									
FMSGSGO 2x2x0.75	1.77	0.7	9.5	10.5	165	45	600/900	VG95218T028C041	ERK 016884
FMSGSGO 4x2x0.75	1.77	0.7	10.9	11.9	249	45	600/900	VG95218T028C051	ERK 016550
FMSGSGO 7x2x0.75	1.77	0.8	13.0	14.2	355	45	600/900	VG95218T028C057	ERK 026836
FMSGSGO 11x2x0.75	1.77	0.9	16.1	17.9	570	30	600/900	VG95218T028C063	ERK 016899
FMSGSGO 14x2x0.75	1.77	0.9	17.1	18.9	660	30	600/900	VG95218T028C068	ERK 016992
FMSGSGO 19x2x0.75	1.77	0.9	19.5	21.5	872	30	600/900	VG95218T028C072	ERK 016932
FMSGSGO 24x2x0.75	1.77	1.0	21.7	24.1	1068	30	600/900	VG95218T028C074	ERK 016933

Coaxial cable

acc. to VG 95218 part 101



Application & characteristics

Suitable for fixed installation

- inside military vessels
- in harsh environment areas
- in military vehicles

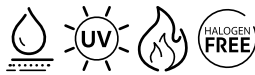
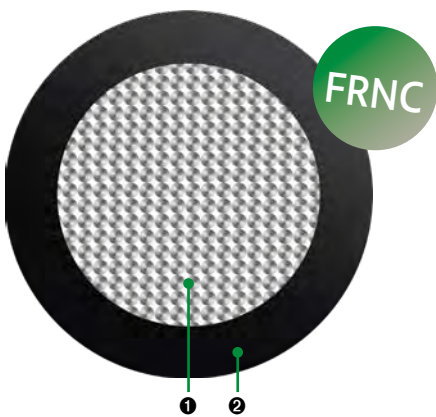
Operating temperature > -40 °C up to +105 °C

Construction

- ❶ Central core
- ❷ Dielectrical insulation
- ❸ Shielding > copper braid with tin-plated wires
- ❹ Sheath > flame retardant, cross-linked, black

Installation wire hook-up for ADR applications

acc. to VG 95218 part 32A



Application & characteristics

The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.

Operating temperature > -55 °C up to +105 °C

Max. voltage > AC 600 V / DC 900 V

Construction

- ❶ Core > conductor with fine stranded wires
- ❷ Insulation > the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials.

Type description	Ø central core	Sheath wall thickness min.	Cable Ø min.	Cable Ø max.	Characteristic impedance max.	Weight max.	VG part no.	Order no.
	mm	mm	mm	mm	Ω	kg/km		
acc. to VG 95218 part 101								
RG 11	1.2	1.1	10.1	10.5	75 ±3	180	VG95218T101F001	ECX 029158
RG 58	0.9	0.7	4.8	5.1	50 ±2	50	VG95218T101B001	ECX 029116
RG 59	0.6	0.8	6.0	6.3	75 ±2	80	VG95218T101D001	ECX 029044
RG 179	0.30	0.7	3.7	4.0	75 ±3	27	VG95218T101D002	ECX 200581
RG 213	2.25	1.1	10.1	10.5	50 ±2	175	VG95218T101A002	ECX 029160
RG 214	2.25	1.0	10.6	11.0	50 ±2	220	VG95218T101C002	ECX 029115
RG 216	1.2	1.0	10.6	11.0	75 ±3	210	VG95218T101E001	ECX 029137
RG 223	0.9	0.6	5.25	5.55	50 ±2	66	VG95218T101C001	ECX 029133
RG 316	0.54	0.7	3.5	3.8	50 ±2	30	VG95218T101C003	ECX 202786
RG 400	0.95	0.8	5.8	6.1	50 ±2	76	VG95218T101C004	ECX 202787
–	0.58	0.4	4.0	4.3	75 ±3	25	VG95218T101G001	ECX 205398
–	0.81	0.65	5.8	6.2	75 ±3	43	VG95218T101G002	ECX 205399
–	1.02	0.7	6.8	7.2	75 ±3	56	VG95218T101G003	ECX 205400

Color codes for installation wire, hook-up (ADR wires)

Type description		Colors Part No. acc. to VG95218T032 BizLink part No.										
nom. mm²	AWG	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	yellow/green G
0.15	26	A120	A121	A122	A123	A124	A125	A126	A127	A128	A129	A12G
		ESL 205178	ESL 205179	ESL 205180	ESL 205181	ESL 205182	ESL 205183	ESL 205184	ESL 205185	ESL 205186	ESL 205187	ESL 205188
0.25	24	A010	A011	A012	A013	A0124	A015	A016	A017	A018	A019	A01G
		ESL 204977	ESL 204978	ESL 204979	ESL 204980	ESL 204981	ESL 204982	ESL 204983	ESL 204984	ESL 204985	ESL 204986	ESL 204987
0.4	22	A020	A021	A022	A023	A024	A025	A026	A027	A028	A029	A02G
		ESL 204991	ESL 204992	ESL 204993	ESL 204994	ESL 204995	ESL 204996	ESL 204997	ESL 204998	ESL 204999	ESL 205000	ESL 205001
0.5	21	A030	A031	A032	A033	A034	A035	A036	A037	A038	A039	A03G
		ESL 205002	ESL 205003	ESL 205004	ESL 205005	ESL 205006	ESL 205007	ESL 205008	ESL 205009	ESL 205010	ESL 205012	ESL 205013
0.6	20	A040	A041	A042	A043	A044	A045	A046	A047	A048	A049	A04G
		ESL 205014	ESL 205015	ESL 205016	ESL 205017	ESL 205018	ESL 205019	ESL 205020	ESL 205021	ESL 205022	ESL 205023	ESL 205024
0.75	19	A050	A051	A052	A053	A054	A055	A056	A057	A058	A059	A05G
		ESL 205037	ESL 205038	ESL 205039	ESL 205040	ESL 205041	ESL 205042	ESL 205043	ESL 205044	ESL 205045	ESL 205046	ESL 205047
1.0	18	A060	A061	A062	A063	A064	A065	A066	A067	A068	A069	A06G
		ESL 205060	ESL 205061	ESL 205062	ESL 205063	ESL 205064	ESL 205065	ESL 205066	ESL 205067	ESL 205068	ESL 205069	ESL 205070
1.2	16	A070	A071	A072	A073	A074	A075	A076	A077	A078	A079	A07G
		ESL 205082	ESL 205083	ESL 205084	ESL 205085	ESL 205086	ESL 205087	ESL 205088	ESL 205089	ESL 205090	ESL 205091	ESL 205092
1.5	15	A080	A081	A082	A083	A084	A085	A086	A087	A088	A089	A08G
		ESL 205095	ESL 205096	ESL 205097	ESL 205098	ESL 205099	ESL 205100	ESL 205101	ESL 205102	ESL 205103	ESL 205104	ESL 205105
2.0	14	A090	A091	A092	A093	A094	A095	A096	A097	A098	A099	A09G
		ESL 205118	ESL 205119	ESL 205120	ESL 205121	ESL 205122	ESL 205123	ESL 205124	ESL 205125	ESL 205126	ESL 205127	ESL 205128
2.5	13	A100	A101	A102	A103	A104	A105	A106	A107	A108	A109	A10G
		ESL 205131	ESL 205132	ESL 205133	ESL 205134	ESL 205135	ESL 205136	ESL 205137	ESL 205138	ESL 205139	ESL 205140	ESL 205141
3.0	12	A110	A111	A112	A113	A114	A115	A116	A117	A118	A119	A11G
		ESL 205155	ESL 205156	ESL 205157	ESL 205158	ESL 205159	ESL 205160	ESL 205161	ESL 205162	ESL 205163	ESL 205164	ESL 205165
4.0	12	A130	A131	A132	A133	A134	A135	A136	A137	A138	A139	A13G
		ESL 205202	ESL 205203	ESL 205204	ESL 205205	ESL 205206	ESL 205207	ESL 205208	ESL 205209	ESL 205210	ESL 205211	ESL 205212
6.0	10	A140	A141	A142	A143	A144	A145	A146	A147	A148	A149	A14G
		ESL 205216	ESL 205217	ESL 205218	ESL 205219	ESL 205220	ESL 205221	ESL 205222	ESL 205223	ESL 205224	ESL 205225	ESL 205226
10	8	A150	A151	A152	A153	A154	A155	A156	A157	A158	A159	A15G
		ESL 205240	ESL 205241	ESL 205242	ESL 205243	ESL 205244	ESL 205245	ESL 205246	ESL 205247	ESL 205248	ESL 205249	ESL 205250
16	6	A160	A161	A162	A163	A164	A165	A166	A167	A168	A169	A16G
		ESL 205228	ESL 205229	ESL 205230	ESL 205231	ESL 205232	ESL 205233	ESL 205234	ESL 205235	ESL 205236	ESL 205237	ESL 205238
25	4	A170	A171	A172	A173	A174	A175	A176	A177	A178	A179	A17G
		ESL 205191	ESL 205192	ESL 205193	ESL 205194	ESL 205195	ESL 205196	ESL 205197	ESL 205198	ESL 205199	ESL 205200	ESL 205201
35	2	A180	A181	A182	A183	A184	A185	A186	A187	A188	A189	A18G
		ESL 205167	ESL 205168	ESL 205169	ESL 205170	ESL 205171	ESL 205172	ESL 205713	ESL 205174	ESL 205175	ESL 205176	ESL 205177
50		A190	A191	A192	A193	A194	A195	A196	A197	A198	A199	A19G
		ESL 205142	ESL 205143	ESL 205144	ESL 205145	ESL 205146	ESL 205147	ESL 205148	ESL 205149	ESL 205150	ESL 205151	ESL 205152
70		A200	A201	A202	A203	A204	A205	A206	A207	A208	A209	A20G
		ESL 205107	ESL 205108	ESL 205109	ESL 205110	ESL 205111	ESL 205112	ESL 205113	ESL 205114	ESL 205115	ESL 205116	ESL 205117
95		A210	A211	A212	A213	A214	A215	A216	A217	A218	A219	A21G
		ESL 205071	ESL 205072	ESL 205073	ESL 205074	ESL 205075	ESL 205076	ESL 205077	ESL 205078	ESL 205079	ESL 205080	ESL 205081
120		A220	A221	A222	A223	A224	A225	A226	A226	A228	A229	A22G
		ESL 205048	ESL 205049	ESL 205050	ESL 205051	ESL 205052	ESL 205053	ESL 205054	ESL 205055	ESL 205056	ESL 205057	ESL 205058
150		A230	A231	A232	A233	A234	A235	A236	A237	A238	A239	A23G
		ESL 205025	ESL 205026	ESL 205027	ESL 205028	ESL 205029	ESL 205030	ESL 205031	ESL 205032	ESL 205033	ESL 205035	ESL 205034

Color coding for the ADR wires

Color code	0	1	2	3	4	5	6	7	8	9	G
Basic color	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	yellow/green G
Identification color 1	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	-
Identification color 2	black 0	-	red 2	-	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	-

Stock number according to VG 95212

The Dash-No. according to Table 2 is completed with the color code. Here, the first number specifies the base color, the second number the first identification color and the third number the second identification color. The first and second identification color do not apply for color combination “G”.

In deviation to DIN 72551-7, the first identification color must be executed with a longitudinal stripe and the second identification color with a ring printing.

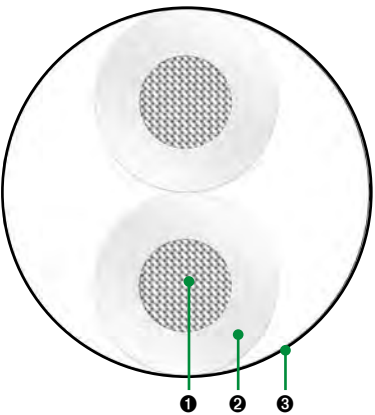
Examples

› VG95218T032A030	Insulated wires with base color 0 (black)
› VG95218T032A03G	Insulated wires with base color G (green-yellow)
› VG95218T032A0302	Insulated wires with base color 0 (black) and first identification color 2 (red) as longitudinal stripes
› VG95218T032A03025	Insulated wires with base color 0 (black), first identification color 2 (red) as longitudinal stripe and second identification color 5 (green) as ring printing



The green-yellow color combination does not apply to this rule, which means that the color combinations 4 (base color) / 5 (first identification color) and 5 (base color) / 4 (first identification color) are excluded, as this must be indicated by the “G”.

Open twisted installation wires and sheathed cables
VG 95218-32 parts B, D and E



Application & characteristics

The wiring lines are distinguished by their halogen free features and an improved behavior in case of fire. In this case the generating of corrosive and toxic fission products is down to a minimum and the light transparency is at least 75 %.

Operating temperature > -55 °C unsheathed / -40 °C sheathed / up to +105 °C

Max. voltage > AC 600 V / DC 900 V

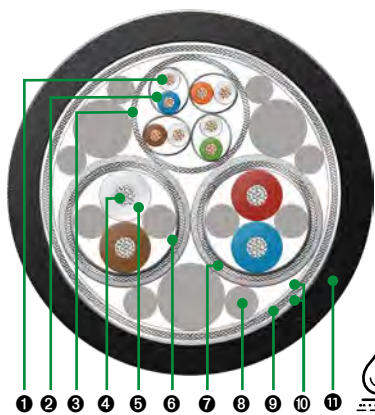
Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials
- 3 Twisted pair

Available products

- Type B similar to products acc. to VG 95218 part 21F, with a range of cross sections from 0.5 mm² to 150 mm²
- Type C similar to VG 95218 part 23C with a range of cross section from AWG 26 to 2.5 mm²
- Type D similar to products acc. to VG 95218 part 23G with a range of cross sections from 0.5 mm² to 10 mm²
- Type E similar to products acc. to VG 95218 part 28-4 with a range of cross sections from 0.4 mm² to 2.5 mm²

Data cable PROFIBUS DP
acc. to VG 95218 part 7B



Application & characteristics

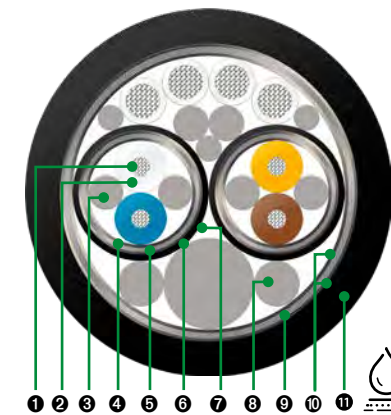
Suitable for control connection between mobile power units.

Operating temperature > -33 °C up to +80 °C

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Screened Cat7 element
- 4 Core > conductor with fine stranded wires
- 5 Insulation > special elastomer
- 6 Screening foil
- 7 Shielding > copper braid with tin-plated wires
- 8 Inner covering
- 9 Screening braid
- 10 Binder
- 11 Sheath > flame retardant, cross-linked, black

Data cable PROFIBUS DP
acc. to VG 95218 part 31X



Application & characteristics

Suitable for control connection between mobile power units.

Operating temperature > -33 °C up to +85 °C

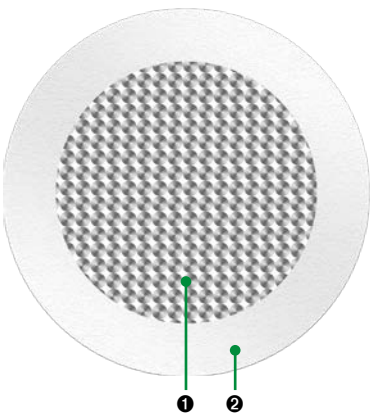
Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Filler
- 4 Screening foil
- 5 Shielding > copper braid with tin-plated wires
- 6 Inner covering
- 7 Binder
- 8 Filler
- 9 Screening braid
- 10 Binder
- 11 Sheath > flame retardant, cross-linked, 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 7B									
Hybrid cable	1.00	1.5	14.9	15.1	329	100	120 *	VG95218T7B001	EHRK 028979
	2.10						600/900 **		
acc. to VG 95218 part 31X									
Hybrid cable	2.25	1.5	15.4	16.2	396	30	125 *	VG 95218T031X001	ERK 025309
	2.15						600/900 **		

*data pairs
** power cores

Installation wire hook-up
acc. to VG 95218 part 20A



Application & characteristics

The wiring lines are distinguished by their high temperature features and an improved behavior in case of fire.
Operating temperature > -55 °C up to +150 °C
Max. voltage > AC 600 V / DC 900 V

Construction

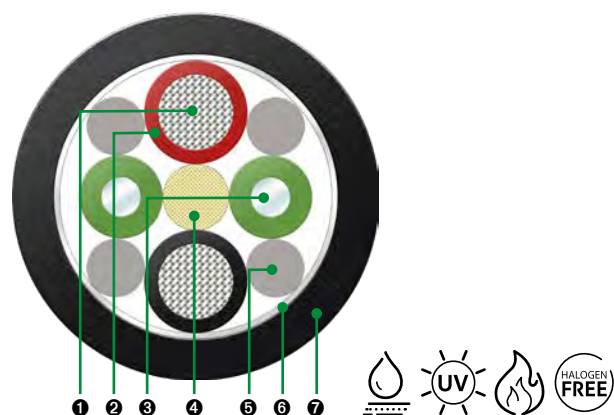
- 1 Core > conductor with fine stranded wires
- 2 Insulation > the insulation material has a high resistance against many types of oil, grease, lubricants and other chemical materials.

Color codes for installation wire, hook-up

Type description		Colors Part No. acc. to VG95218T020 BizLink part No.										
nom. mm²	AWG	black 0	brown 1	red 2	orange 3	yellow 4	green 5	blue 6	violet 7	grey 8	white 9	yellow/ green G
0.25	24	AF16	AG16	AA16	AH16	AC16	AD16	AB16	AJ16	AK16	A016	AM16
		ESL 205482	*	*	*	*	*	*	*	*	ESL 205523	ESL 205532
0.4	22	AF01	AG01	AA01	AH01	AC01	AD01	AB01	AJ01	AK01	A001	AM01
		ESL 205512	*	*	*	*	*	*	*	*	ESL 205545	ESL 205554
0.5	20	AF02	AG02	AA02	AH02	AC02	AD025	AB02	AJ02	AK02	A002	AM02
		ESL 205513	*	*	*	*	*	*	*	*	ESL 205555	ESL 205564
0.6	19	AF03	AG03	AA03	AH03	AC03	AD03	AB03	AJ03	AK03	A003	AM03
		ESL 205483	*	*	*	*	*	*	*	*	ESL 205536	ESL 205681
0.75	18	AF04	AG04	AA04	AH04	AC04	AD04	AB04	AJ04	AK04	A004	AM04
		ESL 203495	*	*	*	*	*	*	*	*	ESL 205682	ESL 205683
1.0	17	AF05	AG05	AA05	AH05	AC05	AD05	AB05	AJ05	AK05	A005	AM05
		ESL 205515	*	*	*	*	*	*	*	*	ESL 205684	ESL 205685
1.2	16	AF06	AG06	AA06	AH06	AC06	AD06	AB06	AJ06	AK06	A006	AM06
		ESL 205516	*	*	*	*	*	*	*	*	ESL 205686	ESL 205687
1.5	15	AF07	AG07	AA07	AH07	AC07	AD07	AB07	AJ07	AK07	A007	AM07
		ESL 205484	*	*	*	*	*	*	*	*	ESL 205688	ESL 205689
2.5	13	AF08	AG08	AA08	AH08	AC08	AD08	AB08	AJ08	AK08	A008	AM08
		ESL 205517	*	*	*	*	*	*	*	*	ESL 205690	ESL 205691
3.0	12	AF17	AG17	AA17	AH17	AC17	AD17	AB17	AJ17	AK17	A017	AM17
		ESL 205518	*	*	*	*	*	*	*	*	ESL 205692	ESL 205693
4.0	11	AF09	AG09	AA09	AH09	AC09	AD09	AB09	AJ09	AK09	A009	AM09
		ESL 205519	*	*	*	*	*	*	*	*	ESL 205694	ESL 205695
6.0	10	AF10	AG10	AA10	AH10	AC10	AD10	AB10	AJ10	AK10	A010	AM10
		ESL 205485	*	*	*	*	*	*	*	*	ESL 205520	ESL 205696
10	8	AF11	AG11	AA11	AH11	AC11	AD11	AB11	AJ11	AK11	A011	AM11
		ESL 205521	*	*	*	*	*	*	*	*	ESL 205697	ESL 205698
16	6	AF12	AG12	AA12	AH12	AC11	AD12	AB12	AJ12	AK12	A012	AM12
		ESL 205522	*	*	*	*	*	*	*	*	ESL 205699	ESL 205700

* on request

Tethering cable



Application & characteristics

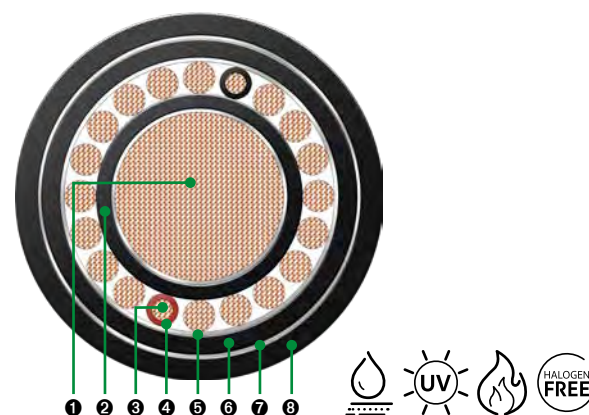
Suitable for coiling

- Tethering drones for safety aspects
- Small geometry, low weight
- High tensile strength through a strain relief as a braid or monofil
- Continuous power supply
- Safe data transmission through optical fibers or high screening immunity
- Operating temperature > -40 °C up to +80 °C

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Fiber optic element
- 4 Central strain relief element
- 5 Filler
- 6 Binder
- 7 Sheath > flame retardant, black

Charging cable for helicopter landing pad



Application & characteristics

Suitable for high current applications

- Charging cable for helicopters at mobile landing sites
- Co-axial construction
- High tensile strength through a strain relief as a braid
- Suitable for coiling
- Maximum cross section for inner and outer conductor
- Temperature up to +80°C for maximum power load
- Operating temperature > -40 °C up to +80 °C

Construction

- 1 Core > conductor with fine stranded wires
- 2 Insulation > special elastomer
- 3 Core > conductor with fine stranded wires
- 4 Insulation > special elastomer
- 5 Filler
- 6 Inner sheath
- 7 Binder
- 8 Outer sheath > flame retardant, black

About BizLink



Founded in 1996 and headquartered in Silicon Valley, USA, BizLink is dedicated to making transformative connections that bring visionary ideas to life.

We specialize in providing essential components such as wire harnesses, connectors, and cables to a broad spectrum of industries including IT Infrastructure, Client Peripherals, Optical Fiber Communications, Telecom & Networking, Electrical Appliances, Medical Equipment, Factory Automation & Machinery, Semiconductor Technology, Healthcare, Motor Vehicles, Mobility, Marine, Industrial, and Solar Energy.

Our global presence, with flexible production resources and R&D teams across America, Europe, and Asia, allows us to proactively drive innovation and enable future possibilities.

At BizLink, our customer-centric approach and commitment to relentless advancement empower us to deliver zero-distance service and continual performance optimization, making a positive and meaningful impact worldwide.

We turn possibilities into reality; furthermore, we connect possibilities to world-changing visions.

Where Possibilities Connect™

CUSTOMIZED SOLUTIONS

*We specialize in developing and manufacturing customized cables to meet your exact specifications. Whether it's demanding mechanical strength, resilience to UV rays and harsh environments, precise electrical transmission properties, or adherence to specific norms and standards, **BizLink is your reliable partner for fulfilling your individual requirements!***

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