

GVL Cryoengineering

Dr. George V. Lecomte GmbH

Meß-, Regel- und Kryotechnik

EXCERPT FROM THE PRODUCT LIST

"CRYOGENIC ACCESSORIES"

November 2018, Page 1

Low temperature and vacuum greases

1	GVLZ079	Apiezon "N" grease (low temperatures)	25g Tube
2	GVLZ080	Apiezon "M" grease (high vacuum)	100g Tube
3	GVLZ181	Apiezon "H" grease (high temperatures)	25g Tube
4	GVLZ128	Dow Corning vacuum grease (high vacuum)	50g Tube

Low temperature glue or varnish

Note: Most chemicals require special shipment (hazardous goods) - please inquire

5	GVLZ056	"IMI 7031" ¹ insulating varnish	100ml bottle
6		"IMI 7031" ¹ insulating varnish	250ml bottle
7		"IMI 7031" ¹ insulating varnish	500ml bottle
8	GVLZ076	"Stycast 2850FT", with hardener	1kg package
9	GVLZ077	"Stycast 1266", A und B	1kg package
10	GVLZ097	"Armstrong Al2", epoxy with hardener	55g + 45g package

Conducting varnish

11	GVLZ054	Silver-based Epoxy-coating Elekolit 336	50g-package
12	GVLZ055	Silver-based Epoxy-coating Elekolit 342	3g-package

Adhesive tape

13	GVLZ059	Aluminum tape, 81µm thick, conductive, 19.1mm wide	16.5m
14	GVLZ060	Aluminum tape, 81µm thick, conductive, 25.4mm wide	16.5m
15	GVLZ057	Aluminized polyester, non conductive, 19.1mm wide	66m
16	GVLZ058	Aluminized polyester, non conductive, 25.4mm wide	66m

Sealing tape

17	GVLZ202	PTFE sealing band, .1mm thick, 12mm wide, white, DVDW approved	12m
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Resistance wire (varnish insulated)

18	GVLZ001	Manganin®-wire 0.03 mm diameter	100m spool
19		Manganin®-wire 0.03 mm diameter	500m spool
20	GVLZ002	Manganin®-wire 0.05 mm diameter	100m spool
21		Manganin®-wire 0.05 mm diameter	500m spool
22	GVLZ003	Manganin®-wire 0.1 mm diameter	100m spool
23		Manganin®-wire 0.1 mm diameter	500m spool
24	GVLZ149	Manganin®-wire 0.127 mm diameter, A200 insulated	100m spool
25		Manganin®-wire 0.127 mm diameter, A200 insulated	500m spool
26	GVLZ004	Manganin®-wire 0.14 mm diameter	100m spool
27		Manganin®-wire 0.14 mm diameter	500m spool
28	GVLZ005	Manganin®-wire 0.2 mm diameter	100m spool
29		Manganin®-wire 0.2 mm diameter	500m spool
30	GVLZ006	Manganin®-wire 0.27 mm diameter	100m spool
31		Manganin®-wire 0.27 mm diameter	500m spool
32	GVLZ150	Manganin®-wire 0.5 mm diameter, A200 insulated	100m spool
33		Manganin®-wire 0.5 mm diameter, A200 insulated	500m spool
34	GVLZ007	Manganin®-wire 0.56 mm diameter	100m spool
35	GVLZ050	Brass-wire 0.10 mm diameter, A200 insulated	100m spool
36		Brass-wire 0.10 mm diameter, A200 insulated	250m spool
37		Brass-wire 0.10 mm diameter, A200 insulated	500m spool
38	GVLZ029	Brass-wire 0.112 mm diameter	100m spool
39		Brass-wire 0.112 mm diameter	250m spool
40		Brass-wire 0.112 mm diameter	500m spool
41	GVLZ151	Constantan-wire 0.10 mm diameter	100m spool
42		Constantan-wire 0.10 mm diameter	250m spool
43		Constantan-wire 0.10 mm diameter	500m spool
44	GVLZ087	Constantan-wire 0.224 mm diameter	100m spool
45		Constantan-wire 0.224 mm diameter	250m spool
46		Constantan-wire 0.224 mm diameter	500m spool

Other diameters and lengths on request

1 formerly known as GE-7031 Insulating Varnish

This list replaces all earlier versions.

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Resistance wire (varnish insulated)

47	GVLZ094	NiCr80-wire 0.1 mm diameter	100m spool
48		NiCr80-wire 0.1 mm diameter	250m spool
49		NiCr80-wire 0.1 mm diameter	500m spool
50	GVLZ092	NiCr80-wire 0.2 mm diameter	100m spool
51		NiCr80-wire 0.2 mm diameter	250m spool
52		NiCr80-wire 0.2 mm diameter	500m spool
53	GVLZ095	NiCr60-wire 0.06 mm diameter	100m spool
54	GVLZ104	Phosphor-Bronze wire 0.1 mm diameter, ML insulated	100m spool
55	GVLZ193	Phosphor-Bronze wire 0.127 mm diameter, ML insulated	100m spool

Resistance wire, varnish insulated, as twisted pair

56	GVLZ190	Phosphor-Bronze wire 0.127 mm diameter, ML insulated	50m spool
57		Phosphor-Bronze wire 0.127 mm diameter, ML insulated	100m spool

Resistance wire, varnish insulated, as quad (double twisted pairs)

	GVLZ201	Manganin®-wire 0.127 mm diameter, ML insulated	
58		With Kapton outer insulation	50m spool
59		With Kapton outer insulation	100m spool
60	GVLZ208	Phosphor-Bronze wire 0.127 mm diameter, ML insulated	50m spool
61		Phosphor-Bronze wire 0.127 mm diameter, ML insulated	100m spool

Resistance wire (uninsulated)

62	GVLZ093	Manganin®-wire 0.1 mm diameter	100m spool
63	GVLZ112	CuNi6-wire 0.4 mm diameter	100m spool
64	GVLZ172	CuNi15-wire 0.050 mm diameter	100m spool
65		CuNi15-wire 0.050 mm diameter	500m spool
66	GVLZ146	Brass-wire 0.10 mm diameter	200m spool
67		Brass-wire 0.10 mm diameter	500m spool
68	GVLZ166	Brass-wire 0.050 mm diameter	100m spool
69		Brass-wire 0.050 mm diameter	500m spool
70	GVLZ221	Constantan-wire 0.045 mm diameter	50m spool
71		Constantan-wire 0.045 mm diameter	100m spool
72	GVLZ219	Constantan-wire 0.050 mm diameter	50m spool

Copper wire (varnish insulated)

73	GVLZ008	Copper wire 0.050 mm diameter	100m spool
74		Copper wire 0.050 mm diameter	250m spool
75		Copper wire 0.050 mm diameter	500m spool
76	GVLZ103	Copper wire 0.100 mm diameter, A200 insulated	250m spool
77		Copper wire 0.100 mm diameter, A200 insulated	500m spool
78	GVLZ062	Copper wire 0.150 mm diameter, A200 insulated	250m spool
79		Copper wire 0.150 mm diameter, A200 insulated	500m spool
80	GVLZ175	Copper wire 0.280 mm diameter	100m spool
81	GVLZ063	Copper wire 0.750 mm diameter	50m spool
82		Copper wire 0.750 mm diameter	100m spool
83	GVLZ064	Copper wire 1.00 mm diameter	25m spool
84		Copper wire 1.00 mm diameter	50m spool

Other diameters and lengths on request

Superconducting wire : NbTi in copper-nickel matrix

	GVLZ113	NbTi core in Cu-Ni matrix, Formvar insulated,	
85		metal diameter: 0.05 mm	20m-Spool
86		metal diameter: 0.05 mm	50m-Spool
	GVLZ016	NbTi core in Cu-Ni matrix, Formvar insulated,	
87		metal diameter: 0.06 mm	20m-Spool
88		metal diameter: 0.06 mm	50m-Spool
	GVLZ136	NbTi core in Cu-Ni matrix, bare (uninsulated),	
89		metal diameter: 0.1 mm	20m-Spool
90		metal diameter: 0.1 mm	50m-Spool
	GVLZ017	NbTi core in Cu-Ni matrix, Formvar insulated,	
91		metal diameter: 0.1 mm	20m-Spool
92		metal diameter: 0.1 mm	50m-Spool

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Superconducting wire : NbTi in copper-nickel matrix

93	GVLZ018	NbTi core in Cu-Ni matrix, HML insulated, metal diameter: 0.1 mm	20m-Spool
94		metal diameter: 0.1 mm	50m-Spool
95	GVLZ133	NbTi core in Cu-Ni matrix, MW35c insulated, metal diameter: 0.1 mm	20m-Spool
96		metal diameter: 0.1 mm	50m-Spool
97	GVLZ145	NbTi core in Cu-Ni matrix, Teflon FEP insulated, metal diameter: 0.1 mm, insulated diameter: .36 mm	20m-Spool
98		metal diameter: 0.1 mm, insulated diameter: .36 mm	50m-Spool
99	GVLZ019	NbTi core in Cu-Ni matrix, HML insulated, metal diameter: 0.13 mm	20m-Spool
100		metal diameter: 0.13 mm	50m-Spool
101	GVLZ020	NbTi core in Cu-Ni matrix, Formvar insulated, metal diameter: 0.25 mm	20m-Spool
102		metal diameter: 0.25 mm	50m-Spool

Superconducting wire : single NbTi filament

103	GVLZ009	NbTi wire, without matrix, bare (uninsulated), metal diameter: 0.025 mm	50m-Spool
104	GVLZ154	NbTi wire, without matrix, bare (uninsulated), metal diameter: 0.035 mm	50m-Spool
105	GVLZ096	NbTi wire, without matrix, Formvar insulated, metal diameter: 0.040 mm	20m-Spool
106	GVLZ010	NbTi wire, without matrix, Formvar insulated, metal diameter: 0.050 mm	20m-Spool
107	GVLZ182	NbTi wire, without matrix, Teflon PFA insulated, metal diameter: 0.050 mm	20m-Spool
108		metal diameter: 0.050 mm	50m-Spool
109	GVLZ184	NbTi wire, without matrix, Teflon PTFE insulated, metal diameter: 0.050 mm	20m-Spool
110		metal diameter: 0.050 mm	50m-Spool
111	GVLZ011	NbTi wire, without matrix, Formvar insulated, metal diameter: 0.075 mm	20m-Spool
112	GVLZ086	NbTi wire, without matrix, Teflon PFA insulated, metal diameter: 0.075 mm	20m-Spool
113	GVLZ218	NbTi wire, without matrix, HML insulated, metal diameter: 0.1 mm	20m-Spool
114	GVLZ111	NbTi wire, without matrix, bare (uninsulated) metal diameter: 0.125 mm	20m-Spool
115	GVLZ134	NbTi wire, without matrix, Formvar insulated, metal diameter: 0.125 mm	20m-Spool
116	GVLZ105	NbTi wire, without matrix, HML insulated, metal diameter: 0.125 mm	20m-Spool
117	GVLZ089	NbTi wire, without matrix, Formvar insulated, metal diameter: 0.17 mm	20m-Spool
118	GVLZ013	NbTi wire, without matrix, HML insulated, metal diameter: 0.25 mm	20m-Spool
119	GVLZ012	NbTi wire, without matrix, Teflon insulated, metal diameter: 0.25 mm	20m-Spool
120	GVLZ014	NbTi wire, without matrix, HML insulated, metal diameter: 0.5 mm	20m-Spool
121	GVLZ015	NbTi wire, without matrix, bare (uninsulated), metal diameter: 0.7 mm	50m-Spool
122	GVLZ152	NbTi wire, without matrix, HML insulated, metal diameter: 1.0 mm	on request

Superconducting wire : single NbTi filament in copper matrix

123	GVLZ021	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.025 mm	50m-Spool
124		metal diameter: 0.025 mm	100m-Spool

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Superconducting wire : single NbTi filament in copper matrix

125	GVLZ022	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.050 mm	50m-Spool
126		metal diameter: 0.050 mm	100m-Spool
127	GVLZ091	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.075 mm	50m-Spool
128		metal diameter: 0.075 mm	100m-Spool
129	GVLZ174	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.079 mm	50m-Spool
130		metal diameter: 0.079 mm	100m-Spool
131	GVLZ023	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.1 mm	25m-Spool
132		metal diameter: 0.1 mm	50m-Spool
133		metal diameter: 0.1 mm	100m-Spool
134	GVLZ106	NbTi core in Cu matrix, HML insulated, metal diameter: 0.13 mm	100m-Spool
135		metal diameter: 0.13 mm	250m-Spool
136	GVLZ026	NbTi core in Cu matrix, insulated, metal diameter: 0.3 mm	50m-Spool
137		metal diameter: 0.3 mm	100m-Spool
138	GVLZ027	NbTi core in Cu matrix, bare (uninsulated), metal diameter: 0.4 mm	50m-Spool
139	GVLZ211	NbTi core in Cu matrix, Formvar insulated, metal diameter: 0.5 mm	50m-Spool
140		metal diameter: 0.5 mm	100m-Spool

Superconducting wire : others

141	GVLZ028	Multifilament NbTi in Cu matrix, Formvar insulated metal diameter: 0.114 mm	20m-Spool
142		metal diameter: 0.114 mm	50m-Spool
143	GVLZ170	Multifilament NbTi in Cu matrix, HML insulated metal diameter: 0.203 mm	20m-Spool
144		metal diameter: 0.203 mm	50m-Spool
145	GVLZ171	Multifilament NbTi in Cu matrix, Formvar insulated metal diameter: 0.203 mm	20m-Spool
146		metal diameter: 0.203 mm	50m-Spool
147	GVLZ098	Nb3Sn Wire in Cu-Ni Matrix, untreated, uninsulated, metal diameter: 0.13 mm	on request

Superconducting wire : single Nb filament

148	GVLZ207	Nb wire, without matrix, Formvar insulated, metal diameter: 0.050 mm	5m-Spool
149		metal diameter: 0.050 mm	20m-Spool
150	GVLZ164	Nb wire, without matrix, Formvar insulated, metal diameter: 0.125 mm	5m-Spool
151		metal diameter: 0.125 mm	20m-Spool
152	GVLZ194	Nb wire, without matrix, Polyimid insulated, metal diameter: 0.125 mm	5m-Spool
153		metal diameter: 0.125 mm	20m-Spool

Gold wire for contacting

154	GVLZ220	Au 99.9%, metal diameter: 15µm, uninsulated	5m-Spool
155	GVLZ061	Au 99.9%, metal diameter: 25µm, uninsulated	5m-Spool
156		metal diameter: 25µm, uninsulated	10m-Spool

Low temperature coax cable, superconducting

Minimum order for each type: 10m

157	GVLZ137	Coax Cable, superconducting central conductor of NbTi in CuNi matrix, bare, outer shielding of braided CuNi single wire version	per meter
158	GVLZ032	Coax Cable, superconducting central conductor of NbTi in CuNi matrix, varnished, outer shielding of braided CuNi single wire version	per meter

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Low temperature coax cable, superconducting

Minimum order for each type: 10m

159	GVLZ031	Coax Cable, superconducting central conductor of NbTi in CuNi matrix, outer shielding of braided CuNi twisted pair version	per meter
160	GVLZ217	Coax Cable, superconducting central conductor of NbTi without matrix, outer shielding of braided CuNi twisted pair version	per meter
161	GVLZ223	Coax Cable, superconducting central conductor of NbTi without matrix, high coverage outer shielding of braided CuNi, twisted pair version	per meter
162	GVLZ030	Coax Cable, superconducting central conductor of NbTi in CuNi matrix, outer shielding of braided CuNi twisted triple wire version	per meter

Low temperature coax cable

Minimum order for each type: 10m

163	GVLZ036	Coax Cable, central conductor of brass, approx. 8ohm/m, outer shielding of braided CuNi single wire version	per meter
164	GVLZ034	Coax Cable, central conductor of brass, approx. 4ohm/m, outer shielding of braided CuNi single conductor (double strand) version	per meter
165	GVLZ189	Coax Cable, central conductor of brass, approx. 4ohm/m, outer shielding of braided CuNi, PE insulation single conductor (double strand low noise) version	per meter
166	GVLZ033	Coax Cable, central conductor of brass, approx. 8ohm/m, outer shielding of braided CuNi, twisted pair version, single Teflon sleeve	per meter
167	GVLZ224	Coax Cable, central conductor of brass, approx. 8ohm/m, high coverage outer shielding of braided CuNi, quad wire version, single Teflon sleeve	per meter
168	GVLZ141	Coax Cable, central conductor of brass, approx. 8ohm/m, outer shielding of braided CuNi, twisted pair version, each wire in own Teflon sleeve	per meter
169	GVLZ169	Coax Cable, central conductor of brass, approx. 8ohm/m, outer shielding of braided brass, twisted pair version, non magnetic, single Teflon sleeve	per meter
170	GVLZ215	Coax Cable, central conductor of Manganin, approx. 34ohm/m, outer shielding of braided CuNi, twisted pair version, PE insulation (low noise) version	per meter
171	GVLZ185	Coax Cable, central conductor of CuNi, approx. 92ohm/m, outer shielding of braided CuNi, single wire, low noise version, graphite loaded sleeve	per meter
172	GVLZ081	Coax Cable, central conductor of copper, approx. 1ohm/m, outer shielding of braided CuNi, with outer Teflon insulation, twisted pair in single Teflon sleeve	per meter
173	GVLZ037	Shielding of braided CuNi alone, ~0.9mm dia.	per meter

Indium Wire

174	GVLZ117	Indium Wire, 99.99% Purity, 1,6mmØ	per Meter
175		Indium Wire, 99.99% Purity, 1,6mmØ	5m-Length
176	GVLZ052	Indium Wire, 99.99% Purity, 1mmØ	per Meter
177		Indium Wire, 99.99% Purity, 1mmØ	5m-Length
178	GVLZ053	Indium Wire, 99.9% Purity, 0.5mmØ	per Meter
179		Indium Wire, 99.9% Purity, 0.5mmØ	5m-Length

Indium Foil

180	GVLZ179	Indium Foil, 99.99% Purity, .1mm thick	100cm ²
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Silicate braided sleeves

181	GVLZ099	High temperature insulating sleeve, inside diameter: 0.4 mm (o.d. 1mm)	per Meter
182		inside diameter: 0.4 mm (o.d. 1mm)	25m-Spool
183	GVLZ100	High temperature insulating sleeve, inside diameter: 1.6 mm (o.d. 2.4mm)	per Meter
184		inside diameter: 1.6 mm (o.d. 2.4mm)	20m-Spool

PTFE insulating sleeves

185	GVLZ069	PTFE insulating sleeve, od 0.7mm id 0.3mm	10m-Spool
186	GVLZ070	PTFE insulating sleeve, od 0.7mm id 0.5mm	10m-Spool
187	GVLZ071	PTFE insulating sleeve, od 0.8mm id 0.5mm	10m-Spool
188	GVLZ072	PTFE insulating sleeve, od 0.8mm id 0.6mm	10m-Spool
189	GVLZ073	PTFE insulating sleeve, od 1.0mm id 0.7mm	10m-Spool
190	GVLZ074	PTFE insulating sleeve, od 1.0mm id 0.8mm	10m-Spool
191	GVLZ075	PTFE insulating sleeve, od 1.2mm id 1.0mm	10m-Spool
192	GVLZ090	PTFE insulating sleeve, od 1.6mm id 1.0mm	10m-Spool
193	GVLZ180	PTFE insulating sleeve, od 6.0mm id 2.0mm	10m-Spool

SQUID leads shielding sleeves

194	GVLZ051	Lead/Tin sleeve to shield SQUID leads	per Meter
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3He Gas

195	GVLZ101	3He for cryogenic applications in various quantities	on request
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Metal capillary tubing - copper

All the following copper capillaries are sold in fabrication lengths of ~3.0m - ~3.8m. They can be shipped in several pieces cut to the desired lengths.

196	GVLZ191	Copper capillary, od: 0.8mm; id: 0.4mm, in lengths of 2 - 3m,	per Meter
197	GVLZ187	Copper capillary, od: 0.8mm; id: 0.5mm, in lengths of 2 - 3m,	per Meter
198	GVLZ040	Copper capillary, od: 1.0mm; id: 0.25mm, in lengths of 2 - 3m,	per Meter
199	GVLZ161	Copper capillary, od: 1.5mm; id: 1.0mm, in lengths of 2 - 3m,	per Meter
200	GVLZ162	Copper capillary, od: 2.0mm; id: 1.5mm, in lengths of 2 - 3m,	per Meter

Metal capillary tubing - copper-nickel

All the following copper-nickel capillaries are sold in fabrication lengths of ~3.0m - ~3.8m. They can be shipped in several pieces cut to the desired lengths.

Alloy is german silver: CuNi18Zn20

201	GVLZ041	CuNi capillary, od: 0.3mm; id: 0.1mm,	per Meter
202	GVLZ142	CuNi capillary, od: 0.4mm; id: 0.1mm,	per Meter
203	GVLZ042	CuNi capillary, od: 0.4mm; id: 0.2mm,	per Meter
204	GVLZ065	CuNi capillary, od: 0.5mm; id: 0.2mm,	per Meter
205	GVLZ043	CuNi capillary, od: 0.5mm; id: 0.3mm,	per Meter
206	GVLZ088	CuNi capillary, od: 0.6mm; id: 0.3mm,	per Meter
207	GVLZ044	CuNi capillary, od: 0.7mm; id: 0.4mm,	per Meter
208	GVLZ078	CuNi capillary, od: 0.7mm; id: 0.5mm,	per Meter
209	GVLZ045	CuNi capillary, od: 0.8mm; id: 0.6mm,	per Meter
210	GVLZ107	CuNi capillary, od: 0.9mm; id: 0.5mm,	per Meter
211	GVLZ114	CuNi capillary, od: 0.9mm; id: 0.6mm,	per Meter
212	GVLZ168	CuNi capillary, od: 1.0mm; id: 0.5mm,	per Meter
213	GVLZ046	CuNi capillary, od: 1.0mm; id: 0.7mm,	per Meter
214	GVLZ143	CuNi capillary, od: 1.1mm; id: 0.9mm,	per Meter
215	GVLZ066	CuNi capillary, od: 1.2mm; id: 0.8mm,	per Meter
216	GVLZ047	CuNi capillary, od: 1.4mm; id: 1.0mm,	per Meter
217	GVLZ144	CuNi capillary, od: 1.4mm; id: 1.2mm,	per Meter
218	GVLZ067	CuNi capillary, od: 1.5mm; id: 1.0mm,	per Meter
219	GVLZ139	CuNi capillary, od: 1.9mm; id: 1.2mm,	per Meter

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Metal capillary tubing - copper-nickel

All the following copper-nickel capillaries are sold in fabrication lengths of ~3.0m - ~3.8m. They can be shipped in several pieces cut to the desired lengths. Alloy is german silver: CuNi18Zn20

220	GVLZ108	CuNi capillary, od: 1.9mm; id: 1.5mm,	per Meter
221	GVLZ120	CuNi capillary, od: 2.0mm; id: 1.5mm,	per Meter
222	GVLZ068	CuNi capillary, od: 2.0mm; id: 1.6mm,	per Meter
223	GVLZ138	CuNi capillary, od: 2.2mm; id: 1.2mm,	per Meter
224	GVLZ109	CuNi capillary, od: 2.4mm; id: 2.0mm,	per Meter
225	GVLZ121	CuNi capillary, od: 2.5mm; id: 2.0mm,	per Meter
226	GVLZ186	CuNi capillary, od: 3.0mm; id: 2.0mm,	per Meter
227	GVLZ110	CuNi capillary, od: 3.0mm; id: 2.5mm,	per Meter
228	GVLZ048	CuNi capillary, od: 3.0mm; id: 2.6mm,	per Meter
229	GVLZ122	CuNi capillary, od: 3.5mm; id: 3.0mm,	per Meter
230	GVLZ123	CuNi capillary, od: 4.0mm; id: 3.5mm,	per Meter
231	GVLZ049	CuNi capillary, od: 4.0mm; id: 3.6mm,	per Meter
232	GVLZ131	CuNi capillary, od: 4.5mm; id: 4.0mm,	per Meter
233	GVLZ124	CuNi capillary, od: 5.0mm; id: 4.0mm,	per Meter
234	GVLZ125	CuNi capillary, od: 6.0mm; id: 5.0mm,	per Meter
235	GVLZ173	CuNi capillary, od: 6.0mm; id: 5.4mm,	per Meter
236	GVLZ115	CuNi capillary, od: 6.0mm; id: 5.5mm,	per Meter
237	GVLZ116	CuNi capillary, od: 7.0mm; id: 6.0mm,	per Meter
238	GVLZ126	CuNi capillary, od: 8.0mm; id: 7.0mm,	per Meter
239	GVLZ132	CuNi capillary, od: 12.0mm; id: 11.0mm,	per Meter
240	GVLZ206	CuNi capillary, od: 13.0mm; id: 12.0mm,	per Meter

Metal capillary and thin walled tubing - Stainless Steel

All the following stainless steel tubes are sold in fabrication lengths of ~2.0m - ~6.0m. They can be shipped in several pieces cut to the desired lengths. Price is subject to fluctuations - ask for quote

Alloy: DIN 1.4301 (AISI 301) or 1.4571 (AISI 316Ti)

241	GVLZ225	1.4301 SS capillary, od: 5.0mm; id: 4.6mm	on request
242	GVLZ232	1.4301 SS capillary, od: 7.0mm; id: 6.6mm	on request
243	GVLZ226	1.4301 SS capillary, od: 8.0mm; id: 7.6mm	on request
244	GVLZ227	1.4301 SS capillary, od: 8.4mm; id: 8.0mm	on request
245	GVLZ228	1.4301 SS capillary, od: 10.0mm; id: 9.0mm	on request
246	GVLZ232	1.4301 SS capillary, od: 10.6mm; id: 10.0mm	on request
247	GVLZ229	1.4301 SS capillary, od: 11.0mm; id: 10.0mm	on request
248	GVLZ230	1.4301 SS capillary, od: 12.0mm; id: 11.0mm	on request
249	GVLZ231	1.4301 SS tw tube, od: 25mm; id: 24mm	on request

Bondable Terminals

250	GVLZ082	4 contact pairs, 2.7mm x 10.2mm	70pcs
251	GVLZ083	4 contact pairs, 3.4mm x 13.8mm	60pcs
252	GVLZ084	4 contact pairs, 4.5mm x 17.4mm	50pcs
253	GVLZ085	4 contact pairs, 6.4mm x 23.4mm	30pcs

Low Temperature Terminals (in-line connectors in 2.54mm step)

254	GVLZ156	12 contact pairs, male	1pcs
255	GVLZ157	12 contact pairs, female	1pcs
256	GVLZ158	12 contact pairs, female, low profile	1pcs
257	GVLZ129	20 contact pairs, male	1pcs
258	GVLZ130	20 contact pairs, female	1pcs
259	GVLZ155	20 contact pairs, female, low profile	1pcs

Low Temperature MCX-Miniature Coax Connectors

Wave impedance: 50Ω / Frequency range: 2GHz

260	GVLZ118	MCX connector, male, goldplated, straight	1pcs
261	GVLZ119	MCX connector, male, goldplated, 90° angle	1pcs
262	GVLZ153	MCX connector, female, goldplated, straight	1pcs
263	GVLZ102	MCX connector, female, goldplated, threaded mount	1pcs

This list replaces all earlier versions.

GVL Cryoengineering

Dr. George V. Lecomte GmbH

Meß-, Regel- und Kryotechnik

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Room Temperature Coax Vacuum Feedthroughs

Wave impedance: 50Ω / Frequency range: 1.5GHz

264	GVLZ147	Coax feedthrough, female, M7 thread	1pcs
265	GVLZ148	Male plug for above, straight	1pcs

Room Temperature Vacuum Feedthroughs

266	GVLZ159	24pin feedthrough, female	1pcs
267	GVLZ160	Male plug for above, straight	1pcs
268	GVLZ183	Male plug for above, 90° angle	1pcs

Low Temperature High Frequency Semi-rigid Coax Connectors

Wave impedance: 50Ω / Frequency range: 4-6GHz

269	GVLZ203	SMA connector, male, goldplated, straight (6GHz)	1pcs
270	GVLZ204	SMB connector, male, goldplated, straight (4GHz)	1pcs

USt-ID (VAT-Id): DE196452322

This list replaces all earlier versions.