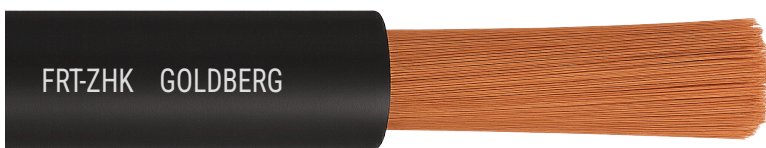


FRT-ZHK

Low Smoke Halogen Free Flexible cable



Technical Data

Nominal Voltage U_0/U :	450/750 V or 600/1000 V*
Test Voltage:	2.5 kV/5 min (450/750 V) or 3.5 kV/5 min (600/1000 V)
Temperature Range:	-15°C to +90°C
Short Circuit Temperature:	250°C
Max Tensile Load:	50 N/mm ²
Min Bending Radius:	6 x D (outer diameter)
Low Smoke Zero Halogen:	according to IEC 61034-2, IEC 60574-1 & IEC 60754-2
Flame Retardant:	according to IEC 60332-1-2

*Note: upon request**

Construction

Based on:	BS EN 50525-3-41, H07Z-K
Conductor:	according to IEC 60228 Class 5
Insulation:	Cross-linked Polyolefin (LSZH) Low Smoke Halogen Free compound
Colour:	Black, Green/Yellow, Blue, White, Brown, Grey or Others

Nominal Size	Goldberg Number	Min. Thickness of Insulation	Nominal Thickness of Insulation	Mean Overall Diameter	Max. DC resistance of conductor at 20°C	Approx. Weight
mm ²		mm	mm	mm	Ω/km	kg/km
1 x 1.5	GB110015	0.53	0.7	2.6 – 3.2	13.3	20
1 x 2.5	GB110025	0.62	0.8	3.3 – 3.9	7.98	32
1 x 4	GB110040	0.62	0.8	3.8 – 4.4	4.95	46
1 x 6	GB110060	0.62	0.8	4.4 – 5.0	3.30	66
1 x 10	GB110100	0.80	1.0	5.4 – 7.0	1.91	112
1 x 16	GB110160	0.80	1.0	6.5 – 8.1	1.21	168
1 x 25	GB1102500	0.98	1.2	7.9 – 9.9	0.78	256
1 x 35	GB110350	0.98	1.2	9.1 – 11.1	0.554	350
1 x 50	GB110500	1.16	1.4	11.0 – 13.0	0.386	496
1 x 70	GB110700	1.16	1.4	12.8 – 14.8	0.272	689
1 x 95	GB110950	1.34	1.6	14.5 – 17.3	0.206	912
1 x 120	GB111200	1.34	1.6	17.6 – 21.6	0.161	1147
1 x 150	GB111500	1.52	1.8	18.8 – 21.6	0.129	1429
1 x 185	GB111850	1.70	2.0	19.7 – 23.7	0.106	1751
1 x 240	GB112400	1.88	2.2	21.7 – 27.7	0.0801	2290
1 x 300	GB113000	2.06	2.4	24.6 – 30.6	0.0641	2878