GOLDWING
CABLING FOR INDUSTRY

Tri-rated Technical Data Sheet

Rated Voltage	Temperature Rating	Minimum Bending Radius	Minimum Operating Temperature	Min. Installation Temperature	Max. Short Circuit Temperature
UL, CSA 450/750V BS 6231 600/1000V	UL/CSA +105c BS EN +90c	6 x OD	-15c	5c	160c

Conductor:	Class 5 flexible copper to EN 60228
Insulation:	PVC type TI3 to EN 50363
Standards:	EN 50525-2-31, BS 6231 Type CK, UL Subj.758, CSA C22.2 No. 210 (HD 21.7 S2) #LL246095, EN/IEC 60332
Application:	High temperature cable designed for use on internal wiring appliances and for the wiring of switch, control and instrumentation panels of power switchgear.

Size (No x mm)	AWG	Average Insulation Thickness (mm)	Max. External OD (mm)	Max. Electrical Resistance @ 20°c (Ω /km)	Approx. Cable Weight (kg/km)	Current Rating In Air @ 45°c (A)
1x0.5	22	0.8	2.6	39.0	11	11
1x0.75	20	0.8	2.8	26.0	14	14
1x1	18	0.8	2.9	19.5	16	17
1x1.5	16	0.8	3.2	13.3	21	21
1x2.5	14	0.8	3.6	7.98	30	30
1x4	12	0.8	4.2	4.95	45	40
1x6	10	0.8	4.8	3.30	64	55
1x10	8	1.14	6.3	1.91	110	75
1x16	6	1.52	8.0	1.21	175	100
1x25	4	1.52	9.2	0.78	260	140
1x35	2	1.52	10.7	0.5335	370	170
1x50	1	2.03	13.0	0.3860	520	205
1x70	2/0	2.03	14.9	0.2660	740	260
1x95	3/0	2.03	16.4	0.2060	920	320

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1x120	4/0	2.03	18.0	0.1610	1145	375
1x150	250 MCM	2.41	20.4	0.1290	1460	420
1x185	350 MCM	2.41	23.2	0.1011	1845	480
1x240	450 MCM	2.41	24.9	0.07867	2335	595
1x300	550 MCM	2.79	28.2	0.06436	2885	675
1x400	700 MCM	2.79	31.1	0.04860	3735	810
1x500	900 MCM	2.79	34.1	0.03840	4730	930

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