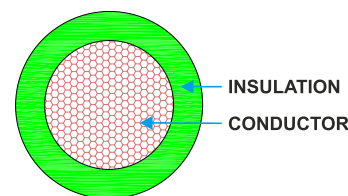




UL Approved

UL Cables UL Style - 1015



0702 - UL Approved

Application

These cables are used for internal wiring of panels and electrical equipment. These are used as connection wire in machines laid in protective tubes and flexible pipes and also for motors and transformers.

Properties

Conditionally resistant to oils, solvents, acids and dyes.
PVC self-extinguishing and flame retardant, test method to UL VW-1 and CSA FT 1 / FT 2

Construction

- Annealed plain or tinned stranded copper conductor.
- PVC - core insulation according to UL - standard 1581

Technical Parameter

- Standard : UL - Std. 758, CSA C 22.2 No. 210
- Nominal voltage : 600Vac or 750Vdc
UL - type AWM 105°C 600V
CSA - type AWM 105°C 600V
- Test voltage (Spark Test)
AWG 24 : 4kV
AWG 22 and 20 : 5kV
AWG 18 to 16 : 6kV
≥ AWG 8 : 7.5kV
- Temperature range : Flexing -5°C to +105°C.
Fixed installation - 20°C to +105°C
- Temperature at conductor : Max. UL and CSA : +105°C
- Bending radius : Flexing 10 x cable ø'. Fixed installation 5 x cable ø



Cable Design Parameters

Part No.	AWG No.	No. of Cores & Nominal Cross Sectional Area		Approx. Cable Diameter	Approx Cable Weight
		Sq. mm		mm	kg/km
0702T2401	24	1 x 0.21		2.2	7
0702T2201	22	1 x 0.33		2.4	9
0702T2001	20	1 x 0.52		2.5	11
0702T1801	18	1 x 0.82		2.8	16
0702T1601	16	1 x 1.32		3.1	22
0702T1401	14	1 x 2.08		3.5	31
0702T1201	12	1 x 3.31		4.0	45
0702T1001	10	1 x 5.26		4.6	68
0702T801	8	1 x 8.35		6.2	113
0702T601	6	1 x 13.3		8.0	184
0702T401	4	1 x 21.14		9.4	275
0702T301	3	1 x 26.65		10.2	339
0702T201	2	1 x 33.61		11.0	416
0702T101	1	1 x 42.38		13.0	543
0702T001	1/0	1 x 53.47		13.8	659
0702T0001	2/0	1 x 67.4		15.2	820
0702T00001	3/0	1 x 85.0		16.5	1013
0702T000001	4/0	1 x 107.2		18.0	1257
0702T25001	250 kcmil	1 x 127		20.0	1507
0702T30001	300 kcmil	1 x 152		21.4	1780
0702T35001	350 kcmil	1 x 178		22.6	2048
0702T40001	400 kcmil	1 x 203		24.0	2338
0702T50001	500 kcmil	1 x 254		26.0	2868

Note: Bare Copper on request