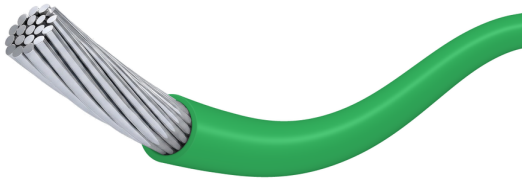
casmocable
CABLES FOR EXTREMES

UL 3302

-20°C to +105°C, 30V



Construction
Conductor: Bare copper or Tin-plated copper
Insulation: Extruded · XLPE

Thermal Characteristics
Operating Temperature: -20°C to +105°C

Electrical Characteristics
Operating Voltage: 30V

Application
Internal Wiring: Internal wiring of appliances and electronic equipment.

General Characteristics
Thin-Wall Space Saving: Compact thin-wall insulation reduces harness bundle diameter and overall weight.
Soldering Heat Resistance: Cross-linked insulation resists melt-back, shrinkage, and deformation during soldering and assembly.
Abrasion & Cut-Through Resistance: Tough insulation compound resists pinch, cut-through, and mechanical wear against chassis edges.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 3302.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Class I Group A.
Halogen-Free: IEC 60754-1 / EN 50525-1 Annex B (Low-smoke halogen-free irradiated XLPE).

Fire Performance
Fire Retardant: VW-1 / FT1 / FT2

RoHS COMPLIANT REACH COMPLIANT

CASMO Part No.	Conductor				Insulation		Nom. O.D. (mm)	Max. DCR @20°C (Ω/km)	Nom. Cable Weight (kg/km)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)	Nom. Conductor Dia. (mm)	Nom. Ins. Thickness (mm)	Min. Ins. Thickness (mm)			
12110630/7-TS2-XX	30	7	0.1	0.3	0.23	0.18	0.80	381	0.88
12110628/7-TS2-XX	28	7	0.127	0.38	0.23	0.18	0.90	239	1.24
12110626/7-TS2-XX	26	7	0.16	0.48	0.23	0.18	1.00	150	1.76
12110624/11-TS2-XX	24	11	0.16	0.61	0.23	0.18	1.10	94.2	2.52
12110624/19-TS2-XX	24	19	0.127	0.64	0.23	0.18	1.10	94.2	2.65
12110622/7-TS2-XX	22	7	0.254	0.76	0.23	0.18	1.30	59.4	3.82
12110622/17-TS2-XX	22	17	0.16	0.76	0.23	0.18	1.30	59.4	3.71
12110620/19-TS2-XX	20	19	0.2	1.0	0.23	0.18	1.50	36.7	6.02
12110620/26-TS2-XX	20	26	0.16	0.94	0.23	0.18	1.50	36.7	5.46
12110620/41-TS2-XX	20	41	0.127	0.94	0.23	0.18	1.50	36.7	5.43
12110618/19-TS2-XX	18	19	0.254	1.27	0.23	0.18	1.80	23.2	9.42
12110618/41-TS2-XX	18	41	0.16	1.18	0.23	0.18	1.80	23.2	8.38
12110616/26-TS2-XX	16	26	0.254	1.49	0.23	0.18	2.00	14.6	12.75
12110616/65-TS2-XX	16	65	0.16	1.5	0.23	0.18	2.00	14.6	12.63

Table Notes

* Part No. code: XX = colour code — BK Black, WH White, RD Red, GN Green, BN Brown, BL Blue, OR Orange, YW Yellow, VT Violet, GY Grey, PK Pink, TN Tan, CL Clear.

† "-TS2-" = tinned copper conductor with FT2 flame rating (standard). "-TS1-" = tinned copper conductor with VW-1 / FT1 flame rating (optional).

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

© CASMO CABLE LLC. All rights reserved.