SERIES 8250

Metal-Clad Cable, Teck 90-HL

Armored and unshielded

Use

CSA armored and unshielded cables built for uses specified by the Canadian Electrical Code (CEC) and suitable for use in Class I, Division 1, Hazardous Locations. These armored cables are specifically made to meet particular industrial needs, where durability, impact and corrosion resistant, but also flexibility and easy use are needed.

Information. Please ask the sales department for the possibility of an additional UL certified cut-to-size service ("Processed Wire").

Technical data

Characteristics	Value/property
Conductor	Copper strand
Insulation	XLPE
Conductor distinction	See following table
Ground wire	Bare copper
Internal jacket	PVC
Armor	Corrugated aluminium armor
External jacket	PVC
Temperature range	+90°C
Voltage rating	600 V
Bending radius	12 x cable outer diameter
Standards of construction	CSA approvals: (CSA) Type Teck90-HL (Hazardous Locations), Class 1, Div. 2 CSA C22.1 (CE Code), CSA C22.2 No.131
Standards of use	CSA C22.1 (CE Code), CSA C22.2 No.131

Coding and dimensions

Code	Number of conductors*	Size [AWG]	Ground wire size [AWG]	Internal jacket diameter [mm (inch)]	Armour diameter [mm (inch)]	Jacket diameter [mm (inch)]	Weight [kg/km (lb/mft)]	Colors of conductors
CV03XW14_82500_NE	3	14	14	9,9 (0.390)	14,7 (0.580)	16,8 (0.660)	331 (222)	Black, red, blu
CV03XW12_82500_NE	3	12	14	10,9 (0.430)	15,8 (0.620)	17,8 (0.700)	390 (262)	Black, red, blu
CV03XW10_82500_NE	3	10	12	12,7 (0.500)	17,8 (0.700)	19,1 (0.750)	488 (328)	Black, red, blu
CV03XW08_82500_NE	3	8	10	16,0 (0.630)	21,1 (0.830)	22,9 (0.900)	703 (472)	Black, red, blu
CV05XW14_82500_NE	5	14	14	11,9 (0.470)	16,8 (0.660)	18,8 (0.740)	424 (285)	White + black numbered
CV07XW14_82500_NE	7	14	14	13,0 (0.510)	17,8 (0.700)	19,8 (0.780)	494 (332)	White + black numbered
CV12XW14_82500_NE	12	14	14	17,5 (0.690)	24,1 (0.950)	24,6 (0.970)	822 (552)	White + black numbered

* Ground wire not included

Code composition

CV	□□	X	□□□	_82500_NE

Number of conductors	To be inserted
2, ..., 25	02, ..., 25

Size	To be inserted
8, 10, ..., 18 AWG	W08, W10, ..., W18