

AC90 (-40°C) XLPE 600 Volts 90°C Copper



Two, three or four copper conductors with low temperature insulation (RW90 XLPE) and bare copper bonding wire. Conductor assembly paper wrapped and covered with bare interlocked aluminum armour. Rated 600 volts.

Specifications and Compliance: CSA Spec C22.2 No. 51

RW Catalogue Number	No of Conductor	Conductor AWG Size	Conductor Stranding	Bonding Wire AWG Size	Insulation (inches)	Ampacity (30°C Ambient) (amps)	Nominal O.D. (inches)	Total Weight (lbs/km)
AC14-02-99	2	14	Solid	14	0.03	15	0.47	213
AC14-03-99	3	14	Solid	14	0.03	15	0.49	377
AC14-04-99	4	14	Solid	14	0.03	15	0.52	449
AC12-02-99	2	12	Solid	12	0.03	20	0.51	275
AC12-03-99	3	12	Solid	12	0.03	20	0.55	475
AC12-04-99	4	12	Solid	12	0.03	20	0.56	574
AC10-02-99	2	10	Solid	12	0.03	30	0.55	335
AC10-03-99	3	10	Solid	12	0.03	30	0.57	640
AC10-04-99	4	10	Solid	12	0.03	30	0.62	784
AC08-03-99	3	8	7 Strand	10	0.045	45	0.75	1,115
AC06-03-99	3	6	7 Strand	8	0.045	65	0.83	1,558
AC04-03-99	3	4	7 Strand	8	0.045	85	0.93	2,132
AC03-03-99	3	3	7 Strand	6	0.045	105	1	2624
AC02-03-99	3	2	7 Strand	6	0.045	120	1.105	1410

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

*Ampacities based on CEC 2021, Table 2

Colour Coding

- 2C Black and white
- 3C Black, white, red
- 4C Black, white, red, blue

Features

- Rated at 90°C dry
- Excellent crush resistance

Application

- For open and concealed wiring in dry locations only.
- For use in cabletroughs and ventilated flexible cableways in dry locations only.