Phone: 1-888-524-5050
www.northerncables.com

ACIC – COPPER CONDUCTOR

June 2020

CIRCUIT SIZES #16 AWG ARMOURED CONTROL CABLE
XLPE/ALUMINUM ARMOURED 600 V CSA, (-40°C)

Conductor:
16 AWG round concentric lay class "B" stranded copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
One (1) White, balance
Black with number code

Bonding Conductor (Ground):
One (1) bare stranded class "B" copper conductor

Inner jacket:
Sunlight Resistant Polyvinyl Chloride (PVC), black

Armour:
Aluminum interlocked armour

Outer Jacket:
Low acid gas (AG14), flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), blue

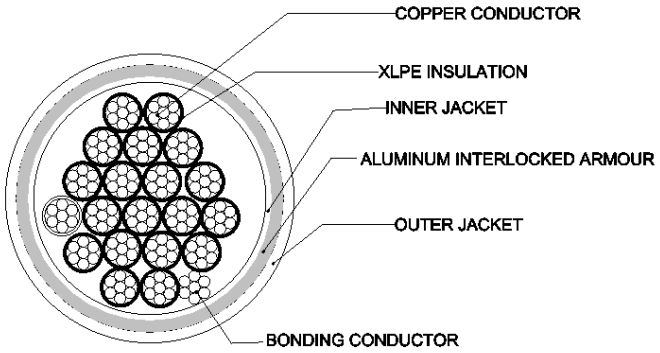
Print:NORTHERN CABLES™ #/C SIZE (AWG) ACIC XLPE 90C (WET OR DRY) AIA 600V FT1 & FT4 HL (-40C) SUN RES AG14 CSA METRE MARK

CSA Licence: LL163809

Applications:
For concealed wiring in dry or wet locations
For exposed wiring in dry or wet locations
For exposed wiring where subjected to the weather
For use in ventilated, Non-ventilated and ladder-type cable trays in dry or wet locations
For direct earth burial (with protection as required by inspection authority)

Features:
Rated at 90°C wet or dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit
Meets cold bend and impact tests at (-40°C)

Compliances:
Industry compliances: CSA Standard C22.2 No. 239, No.38 and No.2256, RoHS
Flame test compliances: CSA FT4
Direct Burial as per Table 19 of the CE Code Part I
SUN RES (outer jacket) SUN RES on insulated conductor available upon request,
Acid Gas: CSA AG14 as per Teck90 Cable CSA Standard No. 131



PART NO.	NO OF COND.	COND. SIZE (AWG)	BOND WIRE SIZE (AWG)	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)						NET WEIGHT	
						INNER JACKET		ARMOUR		CABLE			
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	LBS/ 1000'
802095	2	16	16	0.030	0.76	0.329	8.4	0.509	12.93	0.612	15.54	244	164
802096	3	16	16	0.030	0.76	0.347	8.8	0.527	13.39	0.630	16.00	271	182
802097	4	16	16	0.030	0.76	0.377	9.6	0.557	14.15	0.660	16.76	305	205
802098	5	16	16	0.030	0.76	0.411	10.4	0.591	15.01	0.694	17.63	339	228
802099	6	16	16	0.030	0.76	0.445	11.3	0.645	16.38	0.748	19.00	388	260
802100	7	16	16	0.030	0.76	0.445	11.3	0.645	16.40	0.748	19.01	407	273
802101	8	16	16	0.030	0.76	0.479	12.2	0.679	17.26	0.782	19.88	441	296
802102	10	16	16	0.030	0.76	0.592	15.0	0.792	20.12	0.895	22.73	554	372
802103	12	16	16	0.030	0.76	0.615	15.6	0.815	20.70	0.918	23.32	604	406
802104	15	16	16	0.030	0.76	0.669	17.0	0.869	22.07	0.972	24.69	690	463
802105	20	16	16	0.030	0.76	0.740	18.8	0.940	23.88	1.043	26.49	822	553
802106	25	16	16	0.030	0.76	0.830	21.1	1.030	26.16	1.133	28.78	965	648
802107	30	16	16	0.030	0.76	0.918	23.3	1.118	28.40	1.221	31.01	1149	772
802108	40	16	16	0.030	0.76	1.022	26.0	1.222	31.04	1.325	33.66	1401	942
802109	50	16	16	0.030	0.76	1.150	29.2	1.350	34.29	1.453	36.91	1667	1120

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES