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

AC90 ISO GROUND GLO WRAP® – COPPER CONDUCTOR

2 & 3 CONDUCTOR #12 AWG, #10 AWG. / 600 V, (-40°C) CSA DEC 2017

ISOLATED GROUND, XLPE/ALUMINUM ARMOURED

EXCLUSIVE FOR USE IN HEALTHCARE FACILITIES

Conductor:
12 AWG. and 10 AWG. solid copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, white, red, green (isolated ground)

Bonding Conductor (Ground):
One (1) bare solid copper conductor

Armour:
Aluminum interlocked armour

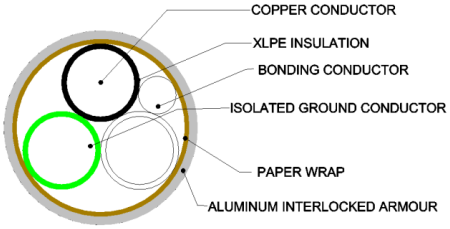
Stripe:
Green luminescent tape helically applied over the armour, for easy identification

CSA Licence:
109933

Applications:
For exposed and concealed wiring in dry, locations
For use in ventilated, Non-ventilated and ladder-type cable trays in dry locations
For patient care areas (Including nursing homes dental offices and health care centers) in accordance with rules 24-102 and 24-104 of the Canadian Electrical Code Part 1

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

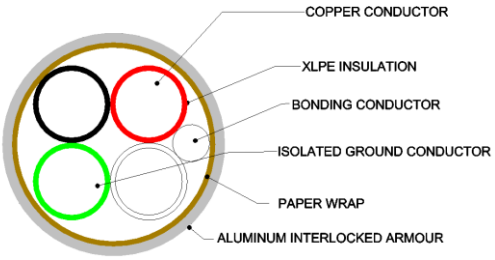
Compliances:
Industry compliances: CSA Standard C22.2 No. 51, No.38 and No.2256, RoHS
Flame test compliances: CSA ST1 and FT4



(2 conductor shown)

PART NO.	NO OF COND.	COND. SIZE (AWG/ kcmil)	GROUND WIRE SIZE (AWG)	ISOLATED GROUND WIRE SIZE (AWG)	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)				NET WEIGHT	AMPACITY AT 90° C
							TWISTED CORE		ARMOUR			
					INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	
802076	2	12	14	12	0.03	0.76	0.303	7.7	0.485	12.32	151	20
802078	2	12	12	12	0.03	0.76	0.309	7.8	0.491	12.47	191	20
802080	2	10	12	10	0.03	0.76	0.349	8.9	0.531	13.49	253	30
802082	2	10	10	10	0.03	0.76	0.36	9.1	0.542	13.77	268	30

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES
AMPACITY IS BASED ON CEC Part 1

PART NO.	NO OF COND.	COND. SIZE (AWG/ kcmil)	BARE GROUND WIRE SIZE (AWG)	ISOLATED GROUND WIRE SIZE (AWG)	MIN. AVG. INSULATION		NOMINAL DIAMETER (OVER)				NET WEIGHT	AMPACITY AT 90° C
							TWISTED CORE		ARMOUR			
					INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	
802077	3	12	14	12	0.03	0.76	0.342	8.7	0.524	13.31	182	20
802079	3	12	12	12	0.03	0.76	0.351	8.9	0.533	13.54	237	20
802081	3	10	12	10	0.03	0.76	0.397	10.1	0.579	14.71	248	30
802083	3	10	10	10	0.03	0.76	0.407	10.3	0.589	14.96	320	30

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