

# Duraclad® Type MC



14 AWG through 6 AWG Copper THHN/THWN Insulated Singles. Green Copper THHN Insulated Grounding Conductor. UL Listed. 600 Volts. Rated VW-1. Lightweight Steel Blue Interlocked Armor.

## APPLICATIONS

Southwire Duraclad® Type MC Cable is suitable for use as follows:

- Branch, feeder and service power distribution in commercial, industrial, institutional, and multi-residential buildings.
- Fished or embedded in plaster.
- Concealed or exposed installations.
- Environmental air-handling spaces per NEC 300.22(C).
- Places of Assembly per NEC 518.4 and theaters per NEC 520.5.
- Installation in cable tray and approved raceways.
- Under raised floors for information technology equipment conductors and cables per NEC 645.5(D) & 645.5(D)(2).
- Class I Div. 2, Class II Div. 2, & Class III Div. 1 Hazardous Locations.

## STANDARDS & REFERENCES

Southwire Duraclad® Type MC Cable meets or exceeds the following requirements:

- UL 83
- UL 1569
- UL 1685
- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) ( [www.ul.com](http://www.ul.com) )
- Federal Specification A-A-59544
- NFPA 70 (National Electrical Code), Article 330
- Jacketed & Non Jacketed will both pass " UL Test" & "FT4/IEEE 1202" (70,000 Btu/hr) Vertical Cable Tray Flame Test
- Listed for use in UL 1, 2, and 3 Hour Through-Penetration Firestop Systems
- REACH/RoHS-2 (Chemical Limit) Compliant

## CONSTRUCTION

Southwire Duraclad Type MC Cable is constructed with soft-drawn copper, Type THHN/THWN conductors and a green insulated grounding conductor. The conductors are cabled together and a binder tape bearing the print legend is wrapped on the assembly. Light weight galvanized blue steel interlocked armor is applied over the assembly.



# Duraclad Type MC - Lightweight Steel Blue Armor

CONDUCTOR SIZE AND COLORS	GROUNDING SIZE AND COLOR	STOCK NUMBER		WEIGHT (LBS/1000')	OVERALL DIAMETER (INCHES)
		COIL (250')	REEL (1000')		
<b>SOLID CONDUCTOR COLORS 120/208V</b>					
12-2 SOLID (BLACK/WHITE)	12 SOLID (GREEN)	57-10-97-01	57-10-97-02	142	.475
12-2 SOLID (RED/WHITE)	12 SOLID (GREEN)	57-11-06-01	55-11-06-02	142	.475
12-2 SOLID (BLUE/WHITE)	12 SOLID (GREEN)	57-11-07-01	57-11-07-02	142	.475
12-3 SOLID (BLACK/WHITE/RED)	12 SOLID (GREEN)	57-11-11-01	55-11-11-02	170	.505
12-3 SOLID (BLACK/WHITE/BLUE)	12 SOLID (GREEN)	55-11-15-01	55-11-15-02	170	.505
12-3 SOLID (BLUE/WHITE/RED)	12 SOLID (GREEN)	55-11-14-01	55-11-14-02	170	.505
12-4 SOLID (BLACK/WHITE/RED/BLUE)	12 SOLID (GREEN)	55-11-48-01	55-11-48-02	199	.539
10-2 SOLID (BLACK/WHITE)	10 SOLID (GREEN)	57-11-50-01	57-11-50-02	195	.542
10-2 SOLID (BLACK/RED)	10 SOLID (GREEN)	-	58-89-03-02	195	.542
10-2 SOLID (BLACK/BLUE)	10 SOLID (GREEN)	58-89-05-01	-	195	.542
10-2 SOLID (RED/WHITE)	10 SOLID (GREEN)	57-11-53-01	57-11-53-02	195	.542
10-2 SOLID (BLUE/WHITE)	10 SOLID (GREEN)	57-11-54-01	57-11-54-02	195	.542
10-3 SOLID (BLACK/WHITE/RED)	10 SOLID (GREEN)	57-11-55-01	57-11-55-02	245	.580
10-3 SOLID (BLACK/WHITE/BLUE)	10 SOLID (GREEN)	57-11-59-01	57-11-59-02	245	.580
10-3 SOLID (BLUE/WHITE/RED)	10 SOLID (GREEN)	57-11-57-01	57-11-57-02	245	.580
10-4 SOLID (BLACK/WHITE/RED/BLUE)	10 SOLID (GREEN)	57-11-60-01	-	290	.623
<b>STRANDED CONDUCTOR COLORS 120/208V</b>					
12-2 STRANDED (BLACK/WHITE)	12 STRANDED (GREEN)	-	57-44-70-02	150	.494
10-4 STRANDED (BLACK/WHITE/RED/BLUE)	10 STRANDED (GREEN)	-	64-06-94-02	307	.653
<b>SOLID CONDUCTOR COLORS 277/480V</b>					
12-2 SOLID (BROWN/GRAY)	12 SOLID (GREEN)	57-10-98-01	57-10-98-02	142	.475
12-2 SOLID (ORANGE/GRAY)	12 SOLID (GREEN)	57-19-23-01	57-19-23-02	142	.475
12-2 SOLID (YELLOW/GRAY)	12 SOLID (GREEN)	57-11-05-01	57-11-05-02	142	.475
12-2 SOLID (PURPLE/GRAY)	12 SOLID (GREEN)	57-11-08-01	57-11-08-02	142	.475
12-3 SOLID (BROWN/YELLOW/GRAY)	12 SOLID (GREEN)	57-11-13-01	-	170	.505
12-3 SOLID (BROWN/ORANGE/GRAY)	12 SOLID (GREEN)	57-11-12-01	57-11-12-02	170	.505
12-3 SOLID (ORANGE/YELLOW/GRAY)	12 SOLID (GREEN)	59-23-39-01	-	170	.505
12-3 SOLID (BROWN/PURPLE/GRAY)	12 SOLID (GREEN)	57-11-18-01	57-11-18-02	170	.505

The Power of Connections.™



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## Duraclad Type MC - Lightweight Steel Blue Armor

12-3 SOLID (YELLOW/PURPLE/GRAY)	12 SOLID (GREEN)	57-11-19-01	-	170	.505
12-3 SOLID (ORANGE/PURPLE/GRAY)	12 SOLID (GREEN)	59-23-38-01	-	170	.505
12-3 SOLID (PURPLE/PURPLE/GRAY)	12 SOLID (GREEN)	-	59-25-70-02	170	.505
12-3 SOLID (BROWN/BROWN/GRAY)	12 SOLID (GREEN)	-	59-25-71-02	170	.505
12-3 SOLID (YELLOW/YELLOW/GRAY)	12 SOLID (GREEN)	-	59-25-72-02	170	.505
12-4 SOLID (BROWN/ORANGE/YELLOW/GRAY)	12 SOLID (GREEN)	57-19-14-01	57-19-14-02	199	.539
12-4 SOLID (BROWN/YELLOW/PURPLE/GRAY)	12 SOLID (GREEN)	57-11-49-01	-	199	.539
10-2 SOLID (ORANGE/GRAY)	10 SOLID (GREEN)	57-19-17-01	57-19-17-02	195	.542
10-2 SOLID (YELLOW/GRAY)	10 SOLID (GREEN)	57-11-52-01	57-11-52-02	195	.542
10-2 SOLID (BROWN/GRAY)	10 SOLID (GREEN)	57-11-51-01	57-11-51-02	195	.542
10-2 SOLID (PURPLE/GRAY)	10 SOLID (GREEN)	57-19-21-01	57-19-21-02	195	.542
10-3 SOLID (PINK/PINK/GRAY)	10 SOLID (GREEN)	-	59-25-68-02	245	.580
10-4 SOLID (BROWN/YELLOW/PURPLE/GRAY)	10 SOLID (GREEN)	57-11-61-01	-	290	.623
For allowable ampacities, refer to NEC 310.15. Also available with stranded conductors.					

## FEATURES

- Reduces installation costs up to 50% over pipe and wire.
- UL Classified 1, 2, and 3 hour Through Penetration Firestop Systems: W-J-3037, W-L-3110, W-L-3113, W-L-3117, W-L-3120, W-L-3121, W-L-3160, C-AJ-3115, C-AJ-3140, C-AJ-3142, C-AJ-3145, C-AJ-3173, C-AJ-3202, C-AJ-4065, C-AJ-4066, F-C-3038.
- Cable reverse wound on reel for ease of pulling and installation. When pulling from coils, pull from inside to ensure ease of installation.
- Anti-short bushings are not required for use with MC cable per the NEC and UL
- Available in stranded conductors.

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