

# SPECIFICATION CONTROL DRAWING

82A0131

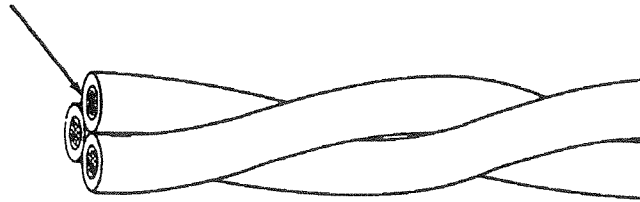
TITLE THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, 600 VOLT, FLEXIBLE

Date 5-21-96

Revision F

This specification sheet forms a part of the latest issue of Raychem Specification 80.

COMPONENT WIRES - 82A0111



CABLE CONSTRUCTION DETAILS				
PART NUMBER	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lb/1000 ft)
		NOMINAL	MAXIMUM	
82A0131-28-*	28	.063	.069	3.1
82A0131-26-*	26	.071	.078	4.3
82A0131-24-*	24	.080	.086	6.4
82A0131-22-*	22	.093	.099	8.9
82A0131-20-*	20	.114	.123	12.9
82A0131-18-*	18	.138	.147	20.5
82A0131-16-*	16	.171	.179	31.2
82A0131-14-*	14	.214	.225	50.5
82A0131-12-*	12	.261	.274	75.9
82A0131-10-*	10	.339	.359	129.

## CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

FLAMMABILITY:

Procedure 1, 3 seconds (maximum); 3 inch (maximum); no flaming or facial tissue

PART NUMBER:

The "\*" in the part numbers above shall be replaced by color code designators with slashes separating the component wire colors.

Example: AWG 20, white, red and orange component wires:  
82A0131-20-9/2/3

NOTE: Nominal values are for information only.  
Nominal values are not requirements.

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.

**Raychem**

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