

# SPECIFICATION CONTROL DRAWING

82A0121

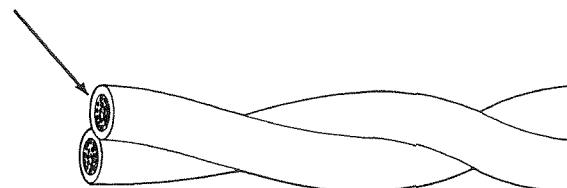
TITLE TWO CONDUCTOR CABLE, UNSHELDED, UNJACKETED,  
600 VOLT, FLEXIBLE

Date 04-12-02

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	
82A0121-28-*	28	.058	.064	2.1
82A0121-26-*	26	.066	.072	2.9
82A0121-24-*	24	.074	.080	4.3
82A0121-22-*	22	.086	.092	5.9
82A0121-20-*	20	.106	.114	8.6
82A0121-18-*	18	.128	.136	13.7
82A0121-16-*	16	.158	.166	20.8
82A0121-14-*	14	.198	.208	33.7
82A0121-12-*	12	.242	.254	50.6
82A0121-10-*	10	.314	.332	86.1
82A0121-8-*	8	.390	.410	135.1
82A0121-6-*	6	.472	.494	208.1

## 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)

### 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 and black  
component wires:  
82A0121-20-9/0

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.

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