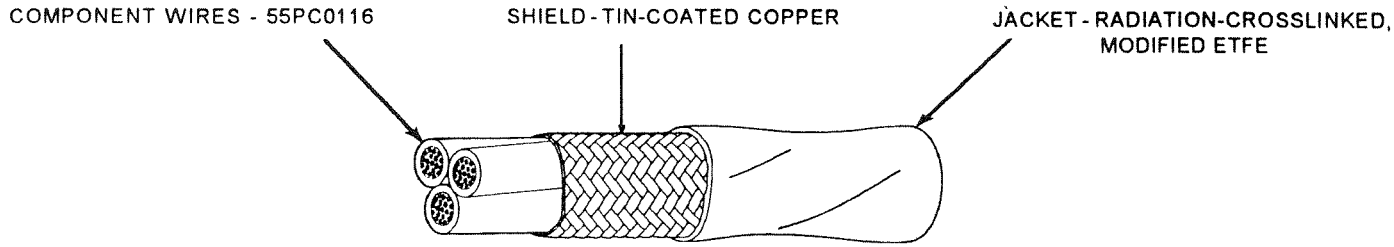
SPECIFICATION CONTROL DRAWING

55PC2136

TITLE	Date	Revision
THREE CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT	1-12-96	D

This specification sheet forms a part of the latest issue of Raychem Specification 55PC.



CONSTRUCTION DETAILS									
PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS (± .0004)	JACKET THICKNESS (in.)		DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC2136-24-*	24	.0015	.0060	.0080	.095	.100	.105	8.89	9.45
55PC2136-22-*	22	.0015	.0060	.0080	.108	.113	.118	12.09	12.72
55PC2136-20-*	20	.0015	.0065	.0085	.126	.131	.136	17.21	17.95
55PC2136-18-*	18	.0015	.0065	.0085	.146	.152	.157	24.62	25.60
55PC2136-16-*	16	.0015	.0065	.0085	.161	.168	.175	30.67	31.93

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
Maximum continous conductor temperature
VOLTAGE RATING: 600 volts (rms)
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour
JACKET COLOR: White preferred
JACKET ELONGATION AND TENSILE STRENGTH:
Elongation, 50% (minimum)
Tensil Strength, 5000 lbf/in² (minimum)
JACKET FLAWS:
Spark Test, 1000 volts (rms), 60 Hz, 100% test
Impulse Dielectric Test, 6.0 kV (peak), 100% test

SHIELD COVERAGE: 85% (minimum)
VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):
1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:
The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
Example: AWG 22, red, blue and yellow component wires; white jacket: 55PC2136-22-2/6/4-9

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

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HERIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

Raychem
Raychem Corporation
300 Constitution Drive, Menlo Park, California 94025
1-800-2 Raychem Fax: 1-415-361-6297

wnloaded from Arrow.com.