## SPECIFICATION CONTROLDRAWING 55PC1113 TITLE ONE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT Date 08-06-01 Revision This specification sheet forms a part of the latest issue of Raychem Specification 55PC.

SHIELD-NICKEL-COATED COPPER

CONSTRUCTIONDETAILS									
PARTNUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKETTHICKNESS (in.)		DIAMETER ( in.)			WEIGHT ( Ibs/1000 ft. )	
			LOWERSPEC LIMIT	TARGET WALL	LOWERSPEC LIMIT	TARGET VALUE	UPPERSPEC LIMIT	TARGET VALUE	UPPERSPEC LIMIT
55PC1113-26-*	26	38	.0050	.0060	.056	.060	.064	4.00	4.24
55PC1113-24-*	24	38	.0050	.0060	.061	.065	.069	4.86	5.12
55PC1113-22-*	22	38	.0050	.0060	.068	.071	.074	6.13	6.41
55PC1113-20-*	20	38	.0050	.0060	.075	.079	.083	8.07	8.37
55PC1113-18-*	18	38	.0050	.0060	.085	.088	.092	10.82	11.22
55PC1113-16-*	16	38	.0050	.0060	.092	.096	.100	13.03	13.46
55PC1113-14-*	14	38	.0050	.0060	.107	.110	.114	18.34	18.85
55PC1113-12-*	12	38	.0050	.0065	.126	.130	.134	26.47	27.15
55PC1113-10-*	10	38	.0050	.0065	.151	.157	.162	39.82	41.05

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz JACKET COLOR: White preferred JACKET ELONGATION AND TENSILE STRENGTH: Elongation, 50% (minimum) Tensile Strength, 5000 lbf/in<sup>2</sup> (minimum) JACKET FLAWS: Spark Test, 1000 volts (rms), 100% test Impulse Dielectric Test, 6.0 kV (peak), 100 % test

COMPONENT WIRE-55PC0113

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

## PARTNUMBER:

The "\*" in the part numbers above shall be replaced by a color code designator with a dash separating the component wire color from the jacket color. Example: AWG 22, white component wire; white jacket: 55PC1113-22-9-9

JACKET-RADIATION-CROSSLINKED, MODIFIEDETFE





Page 1 of 1

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

300 Constitution Drive, Menlo Park, California 94025 1-800-2 Raychem Fax: 1-650-361-6297





## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

55PC1113-18-9-9CS3049