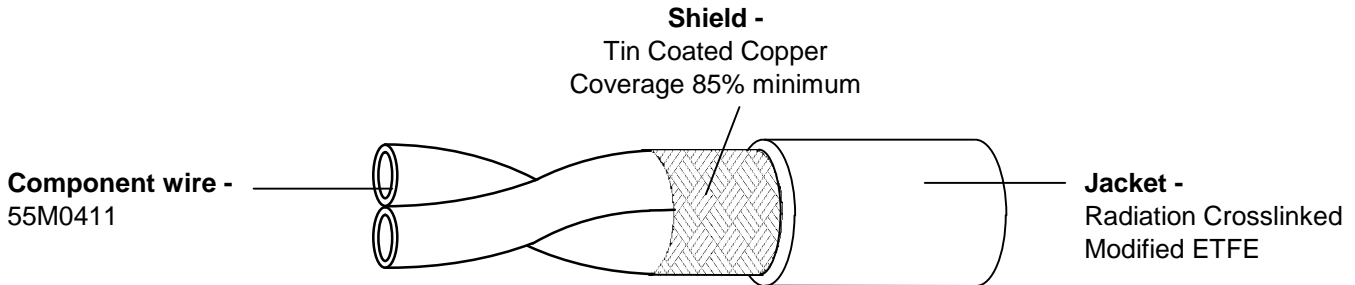


Specification Control Drawing

TWO CONDUCTOR CABLE, MODIFIED FLUOROPOLYMER INSULATED, SHIELDED AND JACKETED,  
 450 VOLT, 150°C, LIGHTWEIGHT

The complete requirements for procuring the wire described herein shall consist of this document.



Part Description	Wire Size	Shield Size (mm)	Jacket Thickness (mm)		Overall Diameter (mm)		Maximum Weight (kg/km)
			Min.	Nom.	Nom.	Max..	
55M1421-30-*/*-*	30	0.08	0.10	0.15	1.67	1.79	5.58
55M1421-28-*/*-*	28	0.08	0.10	0.15	1.83	1.95	6.85
55M1421-26-*/*-*	26	0.08	0.10	0.15	2.03	2.17	8.80
55M1421-24-*/*-*	24	0.08	0.10	0.15	2.28	2.44	11.40
55M1421-22-*/*-*	22	0.10	0.15	0.20	2.74	2.92	16.59
55M1421-20-*/*-*	20	0.10	0.15	0.20	3.20	3.41	23.60

**COLOUR CODE:** The '\*' in the part number shall be replaced by a standard colour code designator in accordance with IEC 60304.  
 e.g. 55M1421-24-2/6-9, core red/ blue, jacket white  
 Unless otherwise specified by the purchaser component colours to be: red, blue with white jacket.

**PERFORMANCE REQUIREMENTS:** To be tested to and meet the requirements of the issue in effect of Raychem Specification WCD 32/1 and Raychem Specification 55A as applicable.

**ADDITIONAL REQUIREMENTS:** Jacket Elongation - 50% minimum  
 Tensile Strength - 35 N/ mm<sup>2</sup> minimum  
 Accelerated Ageing - 2.5 kV wet dielectric test

**APPROVAL:** Electronic sign off - no signature will appear.

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