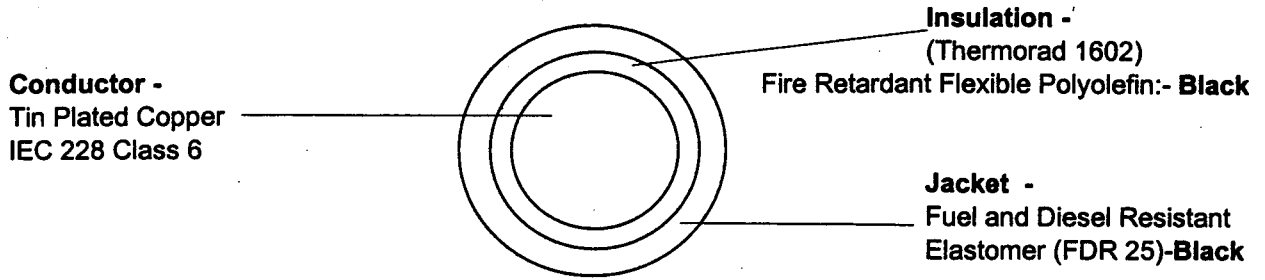


125°C, 600/1000 VOLT INSULATED WIRE

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



Part Number	Conductor				Maximum Resistance @20 °C (Ω/km)	Insulation			Nom Wall (mm)	Jacket			Maximum Weight (kg/km)
	Number of Strands	Max Strand Dia. (mm)	Diameter (mm)			Diameter (mm)				Lower Spec Limit	Target	Upper Spec Limit	
			Min	Max		Lower	Target	Upper					
FTR 16-1.5	85	0.16	1.38	1.68	12.80	2.80	3.00	3.20	0.50	3.80	4.00	4.20	32
FTR 16-2.5	7x20	0.16	2.20	2.60	7.76	3.70	3.90	4.10	0.55	4.70	5.00	5.30	50
FTR 16-4	7x33	0.16	2.65	3.15	4.76	4.25	4.50	4.75	0.55	5.30	5.60	5.90	72
FTR 16-6	7x27	0.21	3.35	3.85	3.23	4.95	5.20	5.45	0.55	6.00	6.30	6.60	95
FTR 16-10	19x17	0.21	4.30	4.80	1.88	5.90	6.20	6.50	0.65	7.10	7.50	7.90	151
FTR 16-16	19x27	0.21	5.20	5.80	1.19	7.10	7.40	7.70	0.70	8.40	8.80	9.20	228
FTR 16-25	37x21	0.21	6.90	7.70	0.78	9.00	9.30	9.60	0.70	10.20	10.70	11.20	335
FTR 16-35	37x30	0.21	8.10	9.00	0.552	10.30	10.60	10.90	0.75	11.50	12.10	12.70	463
FTR 16-50	37x19	0.31	9.60	10.70	0.39	12.10	12.45	12.80	0.75	13.30	14.00	14.70	631
FTR 16-70	37x27	0.31	11.40	12.60	0.272	14.20	14.55	14.90	0.80	15.40	16.20	17.00	878
FTR 16-95	37x36	0.31	13.30	14.80	0.21	16.60	17.00	17.40	0.90	17.90	18.80	19.70	1170
FTR 16-120	37x46	0.31	15.50	17.10	0.16	18.95	19.40	19.85	0.95	20.30	21.30	22.30	1481

**ADDITIONAL REQUIREMENTS:**

Routine Spark Test to BS 6231  
1.5 -16mm<sup>2</sup> 6kV rms  
25 - 35mm<sup>2</sup> 10kV rms  
50 -120mm<sup>2</sup> 12kV rms

**PERFORMANCE REQUIREMENTS:**

Insulation to be tested and meet the requirements of the issue in effect of Raychem Specification WCD 51/1602.  
Outer jacket to be tested and meet the requirements of the issue in effect of Raychem Specification WCD 2002.

**W & C DESIGN**

RED STAMP - CONTROL COPY  
BLACK STAMP - CHECK FOR  
LATEST ISSUE

DESIGN	PROD. MAN.	TECHNICAL	QA	MANUFACTURE
<i>[Signature]</i> 5.10.98	<i>[Signature]</i> 5.10.98	<i>[Signature]</i> 5.10.98	<i>[Signature]</i> 5.10.98	<i>[Signature]</i> 5/10/98

Raychem Limited  
Faraday Road  
Dorcan  
SWINDON  
SN3 5HH  
Tel: (01793) 528171  
Telex: 449409

Registration Number: 674709 London,  
England  
Registered Office: Rolls House  
7 Rolls Buildings, Fetter Lane  
LONDON  
EC4A 1NH

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