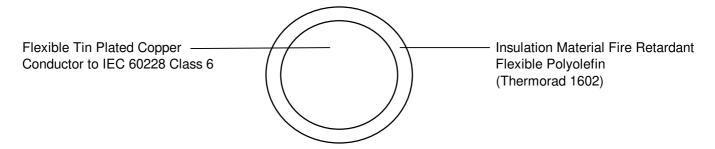


Specification Control Drawing

Page 2 is for internal use only

WIRE, ELECTRIC, RADIATION CROSSLINKED POLYOLEFIN INSULATED, TIN COATED COPPER, 600/1000 VOLT, 125°C



	Conductor				Finished Cable		
Part Description	Nominal Conductor Size	Number of Strands	Maximum Strand Diameter	Outside Diameter (mm)	Maximum Resistance (Ohms/km)	Outside Diameter (mm)	Nominal Weight (kg/km)
TR16-1.5-*	(mm²)	85	(mm) 0.16	1.55 ± 0.15	12.80	2.00 ± 0.00	20
TR16-1.5-	1.5 2.5	7 × 20	0.16	1.55 ± 0.15 2.40 ± 0.20	7.76	3.00 ± 0.20 3.90 ± 0.20	20 32
TR16-2.5-	2.5 4.0	7 × 20 7 × 33	0.16	2.40 ± 0.20 2.90 ± 0.25	7.76 4.76	3.90 ± 0.20 4.50 ± 0.25	32 48
TR16-6.0-*	6.0	7 × 27	0.21	3.60 ± 0.25	3.23	5.20 ± 0.25	69
TR16-10.0-*	10.0	19 × 17	0.21	4.55 ± 0.25	1.88	6.20 ± 0.30	111
TR16-16.0-*	16.0	19 × 27	0.21	5.50 ± 0.30	1.19	7.40 ± 0.30	173
TR16-25.0-*	25.0	37 ×21	0.21	7.30 ± 0.40	0.78	9.30 ± 0.30	261
TR16-35.0-*	35.0	37 × 30	0.21	8.55 ± 0.45	0.552	10.60 ± 0.30	365
TR16-50.0-*	50.0	37 × 19	0.31	10.15 ± 0.55	0.387	12.45 ± 0.35	516
TR16-70.0-*	70.0	37 × 27	0.31	12.00 ± 0.60	0.272	14.55 ± 0.35	728
TR16-95.0-*	95.0	37 ×36	0.31	14.05 ± 0.75	0.204	17.00 ± 0.40	971
TR16-120.0-*	120.0	37 × 46	0.31	16.30 ± 0.80	0.159	19.40 ± 0.50	1364

COLOUR CODE: The '*' in the part description shall be replaced with colour code designator in accordance with Mil Stan 681.

PERFORMANCE REQUIREMENTS:

To be tested to and meet the requirements of the issue in effect of Raychem Specification WCD 51/1602 where applicable and additional electrical testing as follows:

Routine Spark Test to issue in effect of BS 5099

Conductor size	Test voltage		
(mm²)	(a.c. [rms] kV)		
1.5-10	6		
16-50	7		
70-95	9		
50.0-120	10		

APPROVAL: Electronic sign off - no signatures will appear.

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