

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

125°C

Flexible Tin Plated Copper Conductor
to IEC 228 Class 6



Insulation Material Fire Retardant
Flexible Polyolefin
(Thermorad 1602)

PART NUMBER	NOMINAL CONDUCTOR SIZE (mm ²)	CONDUCTOR			MAXIMUM RESISTANCE (Ohms/km)	INSULATION	
		NUMBER OF STRANDS	MAXIMUM STRAND DIAMETER (mm)	DIAMETER (mm)		DIAMETER (mm)	NOMINAL WEIGHT (kg/km)
TR16- 1.5-*	1.5	85	0.16	1.55 ± 0.15	12.80	3.00 ± 0.20	20
TR16- 2.5-*	2.5	7 x 20	0.16	2.40 ± 0.20	7.76	3.90 ± 0.20	32
TR16- 4.0-*	4.0	7 x 33	0.16	2.90 ± 0.25	4.76	4.50 ± 0.25	48
TR16- 6.0-*	6.0	7 x 27	0.21	3.60 ± 0.25	3.23	5.20 ± 0.25	69
TR 16- 10.0-*	10.0	19 x 17	0.21	4.55 ± 0.25	1.88	6.20 ± 0.30	111
TR16- 16.0-*	16.0	19 x 27	0.21	5.50 ± 0.30	1.19	7.40 ± 0.30	173
TR16- 25.0-*	25.0	37 x 21	0.21	7.30 ± 0.40	0.78	9.30 ± 0.30	261
TR16- 35.0-*	35.0	37 x 30	0.21	8.55 ± 0.45	0.552	10.60 ± 0.30	365
TR16- 50.0-*	50.0	37 x 19	0.31	10.15 ± 0.55	0.387	12.45 ± 0.35	516
TR16- 70.0-*	70.0	37 x 27	0.31	12.00 ± 0.60	0.272	14.55 ± 0.35	728
TR16- 95.0-*	95.0	37 x 36	0.31	14.05 ± 0.75	0.204	17.00 ± 0.40	971
TR16-120.0-*	120.0	37 x 46	0.31	16.30 ± 0.80	0.159	19.40 ± 0.50	1364

The '*' in the part number shall be replaced with colour code designator in accordance with Mil Std 681

Tested in accordance with Raychem Specification WCD 51/1602. As for screened cables additional electrical testing as follows:

Routine Spark Test to BS 6231

CONDUCTOR SIZE (mm ²)	VOLTAGE (kV rms)
1.5-16	6
25.0-35	10
50.0-120	12