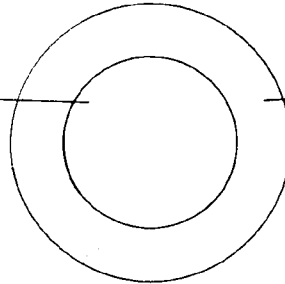


600/1000 VOLT INSULATED POWER CABLE

Flexible Tin Plated Copper
Conductor to IEC 228 Class 6



Insulation Extruded Flexible
Radiation Crosslinked Polyolefin
Abrasion, Flame and Fuel Resistant
in Accordance with Raychem
Specification WCD 51/1619

PART NUMBER	CONDUCTOR AREA (mm ²)	CONDUCTOR				INSULATION	NOMINAL WIRE WEIGHT (kg/km)
		NUMBER OF STRANDS	MAXIMUM STRAND DIAMETER (mm)	DIAMETER (mm)	MAXIMUM RESISTANCE (Ohms/km)		
AFR16- 2.5	2.5	7 x 20	0.16	2.40 ± 0.20	7.76	4.1 ± 0.20	36
AFR16- 4.0	4.0	7 x 33	0.16	2.90 ± 0.25	4.76	4.7 ± 0.25	54
AFR16- 6.0	6.0	7 x 27	0.21	3.60 ± 0.25	3.23	5.4 ± 0.25	74
AFR16- 10.0	10.0	19 x 17	0.21	4.55 ± 0.25	1.88	6.6 ± 0.30	124
AFR16-16.0	16.0	19 x 27	0.21	5.50 ± 0.30	1.19	7.8 ± 0.30	185
AFR16- 25.0	25.0	37 x 21	0.21	7.30 ± 0.40	0.78	9.7 ± 0.30	273
AFR16- 35.0	35.0	37 x 30	0.21	8.55 ± 0.45	0.552	11.0 ± 0.30	379
AFR16- 50.0	50.0	37 x 19	0.31	10.15 ± 0.55	0.387	12.9 ± 0.35	534
AFR16- 70.0	70.0	37 x 27	0.31	12.00 ± 0.60	0.272	15.0 ± 0.35	749
AFR16- 95.0	95.0	37 x 36	0.31	14.05 ± 0.75	0.204	17.4 ± 0.40	996

The 'XX' represents the conductor cross sectional area in mm² as indicated in the part number

The 'Y' represents insulation colour

Temperature rating 120°C for 4000 hours

Tested in accordance with Raychem Specification WCD 51/1619. Additional electrical testing as follows:

Routine Spark Test to BS 6231

2.5 - 16mm² - 6kV rms
25.0 - 35mm² - 10kV rms
50.0 - 95mm² - 12kV rms

DESIGN	PROD. MAN.	MAN. ENG.
<i>[Signature]</i> 24/5/93	<i>[Signature]</i> 2/6/93	<i>[Signature]</i> 7/6/93