

ARFM Heavy Duty Multi Core Rubber Insulated and Sheathed Flexible Power Cables

CONSTRUCTION	
Conductors	Class 5 tinned copper according to AS/NZS 1125, IEC 60228
Insulation	Ethylene-propylene rubber (EPR) R-EP-90 90°C Conductor
Inner Sheath	EPDM Rubber (200m)
Outer Jacket	Chlorinated Polyethylene, CPE rubber compound
Voltage	0.6/1kV
Sheath Colour	Black
Minimum Bending Radius	4 x D (fixed), 5 x D (mobile), D = outside diameter
Core Colours	
2 Core	Blue, Brown
3 Core	Green/Yellow, Blue, Brown
4 Core	Green/Yellow, Brown, Black, Grey
5 Core	Red, White, Blue, Black & Green/Yellow
7 Core	Green/Yellow, other Cores Black with White Numbering
12 Core	Green/Yellow, other Cores Black with White Numbering

FEATURES	
Submersible to 200mtrs	
Suitable for fresh water, salt water, sewage/contaminated water	
UV, Sunlight, oil and weather resistant	
Flame retardant to IEC 60332-1-2:2004, EN60332-1-2-2004	
Temperature range -25°C to +90°C (mobile) -40°C to +90°C (fixed)	
Maximum permissible short circuit temperature 1s 250°C	

APPLICATIONS	
Event & temporary cabling, fairgrounds, sporting venues	
Flexible connections to motors, generators, compressors	
Construction site leads	
Wet or oily environments	
Mine sites and quarries	
Submersible pumps, limit switches	

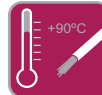
PACKAGING	
Standard Length Cable Packing	500m 1000m and Cut to Length available
Standard Cable Markings	MTR MARK< ARISTOFLEX – 0.6/1kV > (No. of cores) x (mm ²)

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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	Product Code	CSA mm ²	Nominal Sheath Thickness mm	Max DC Resistance @20°C mΩ/KM	Amps **	Nominal OD mm	Mass Kg/Km
2 CORE	ARFM2x1	1.0	1.3	20.0	16	7.8	90
	ARFM2x1.5	1.5	1.5	13.7	20	8.7	117
	ARFM2x2.5	2.5	1.7	8.21	27	10.4	168
3 CORE	ARFM3G1	1.0	1.4	20.0	16	8.4	106
	ARFM3G1.5	1.5	1.6	13.7	20	9.4	136
	ARFM3G2.5	2.5	1.8	8.21	27	11.1	203
	ARFM3G4	4	1.9	5.09	36	12.9	292
	ARFM3G6	6	2.1	3.39	46	14.3	390
	ARFM3G10	10	3.3	1.95	66	19.3	685
	ARFM3G16	16	3.5	1.24	87	22.1	945
4 CORE	ARFM4G1.5	1.5	1.7	13.7	20	10.4	167
	ARFM4G2.5	2.5	1.9	8.21	27	12.3	247
	ARFM4G4	4	2.1	5.09	36	14.2	341
	ARFM4G6	6	2.3	3.39	46	15.9	463
	ARFM4G10	10	3.4	1.95	66	21.3	832
	ARFM4G16	16	3.6	1.24	87	24.2	1167
	ARFM4G25	25	4.1	0.795	116	29.3	1712
	ARFM4G35	35	4.4	0.565	144	32.9	2192
	ARFM4G50	50	4.8	0.393	182	38.2	3103
	ARFM4G70	70	5.2	0.277	230	43.2	4145
ARFM4G95	95	5.9	0.21	275	49.1	5518	
5 CORE	ARFM5G1.5	1.5	1.8	13.7	20	11.5	205
	ARFM5G2.5	2.5	2.1	8.21	27	13.5	306
	ARFM5G4	4	2.2	5.09	36	15.9	421
	ARFM5G6	6	2.5	3.39	46	17.9	581
	ARFM5G10	10	3.6	1.95	66	22.3	1025
	ARFM5G16	16	3.9	1.24	87	26.9	1440
	ARFM5G25	25	4.4	0.795	116	32.5	2106
	ARFM5G35	35	4.6	0.565	144	38.1	2619
	ARFM5G50	50	5.2	0.393	182	44.5	3659
	ARFM5G70	70	5.6	0.277	230	49.4	5032
ARFM5G95	95	6.5	0.21	275	58.1	6728	
7 CORE	ARFM7G1.5	1.5	2.5	13.7	20	14.5	328
	ARFM7G2.5	2.5	2.7	8.21	27	16.9	470
12 CORE	ARFM12G1.5	1.5	2.9	13.7	20	18.3	485
	ARFM12G2.5	2.5	3.1	8.21	27	19.1	708

Please Note**

Amperage ratings specified are in accordance with AS/NZS 3008.1.1.2009 Table 14 (Flexible "Spaced").

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