



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 | |

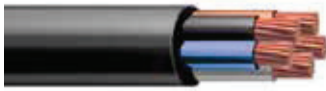
| PACKAGING | |
|--------------------------------------|---|
| Standard Length Cable Packing | 500m 1000m and Cut to Length available |
| Standard Cable Markings | MTR MARK < ARISTOFLEX – 0.6/1kV > (No. of cores) x (mm ²) |

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.

| | | |
|-----------------------------------|--|-----------------------------------|
| NSW | QLD | VIC |
| TEL 02 9602 4888 FAX 02 9602 4099 | TEL 07 3805 6455 FAX 07 3805 6433 | TEL 03 9558 1044 FAX 03 9551 5844 |
| EMAIL salesnsw@elconcables.com.au | EMAIL salesqld@elconcables.com.au | EMAIL salesvic@elconcables.com.au |
| WA | | SA |
| TEL 08 9358 1809 FAX 08 9358 2182 | | TEL 08 8326 4833 FAX 08 8326 4855 |
| EMAIL saleswa@elconcables.com.au | www.elconcables.com.au | EMAIL salessa@elconcables.com.au |



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

| | 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").

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.

NSW
 TEL 02 9602 4888 FAX 02 9602 4099
 EMAIL salesnsw@elconcables.com.au

WA
 TEL 08 9358 1809 FAX 08 9358 2182
 EMAIL saleswa@elconcables.com.au

QLD
 TEL 07 3805 6455 FAX 07 3805 6433
 EMAIL salesqld@elconcables.com.au

www.elconcables.com.au

VIC
 TEL 03 9558 1044 FAX 03 9551 5844
 EMAIL salesvic@elconcables.com.au

SA
 TEL 08 8326 4833 FAX 08 8326 4855
 EMAIL salessa@elconcables.com.au