

MULTICORE FLEXIBLE CABLE

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LIGHT DUTY FLEX 250/250V

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RUBBER FLEXIBLE 0.6/1KV



Light Duty Flex (FRL, HML)

250/250V PVC insulated

Applications

Lighting, Appliance, and Control Wiring

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125

Drawn from Class 102 Copper AS1574

Insulation: Coloured V90 PVC to AS/NZS 3808

Sheath: Coloured 5V90 PVC to AS/NZS3808 – White or Black

Relevant Standard: AS/NZS 3191

Core Identification

2 Core – 1. Brown 2. Blue

3 Core – 1. Brown 2. Blue 3. Green/Yellow



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating 30°C	Electrical Resistance @20°C (Ω/KM)	Nominal OD
FRL21602	2	0.50	16/0.2	4	39	5.3
FRL22402	2	0.75	24/0.2	7.5	26	5.6
HML31602	3	0.5	16/0.2	4	39	5.6
HML32402	3	0.75	24/0.2	7.5	26	5.9

Ordinary Duty Flex (FMC, HRM)

250/440V PVC insulated

Applications

Plug Leads, Appliance, Lighting

Product Specifications

Construction:

Conductor: Class 5 stranded copper to AS1125

Insulation: Coloured V90 PVC to AS/NZS 3808

Sheath: Coloured 5V90 PVC to AS/NZS3808 – White or Black

Relevant Standard: AS/NZS 3191:2008

Core Configurations:

2 Core – 1. Brown, 2. Blue

3 Core – 1. Brown, 2. Blue, 3. Green/Yellow

4 Core – 1. Brown, 2. Blue, 3. White, 4. Green/Yellow

5 Core – 1. Brown, 2. Blue, 3. White, 4. Black, 5. Green/Yellow



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Amp Rating 30°C	Electrical Resistance @20°C (Ω/KM)	Nominal OD
HRM21602	2	0.5	16/0.2	4	39	6
FMC02/0.75	2	0.75	24/0.2	7.5	26	6.3
FMC02/1.0	2	1	32/0.2	10	19.5	6.7
FMC02/1.5	2	1.5	30/0.25	15	13.3	7.7
FMC02/2.5	2	2.5	50/0.25	20	8	8.6
HRM31602	3	0.5	16/0.2	4	39	6.3
FMC03/0.75	3	0.75	24/0.2	7.5	26	6.7
FMC03/1.0	3	1	32/0.2	10	19.5	7
FMC03/1.5	3	1.5	30/0.25	15	13.3	8.3
FMC03/2.5	3	2.5	50/0.25	20	8	10.1
FMC03/4.0	3	4	56/0.3	25	5	11.2
FMC04/0.75	4	0.75	24/0.2	7.5	26	7.3
FMC04/1.0	4	1	32/0.2	10	19.5	7.9
FMC04/1.5	4	1.5	30/0.25	15	13.3	9.2
FMC04/2.5	4	2.5	50/0.25	20	8	11.2
FMC04/4.0	4	4	56/0.3	25	5	12.3
FMC05/0.75	5	0.75	24/0.2	7.5	26	8.2
FMC05/1.0	5	2.5	32/0.2	10	19.5	8.6
FMC05/1.5	5	1.5	30/0.25	15	13.3	10.3
FMC05/0.25	5	2.5	50/0.25	20	8	12.3
FMC05/4.0	5	4	56/0.3	25	5	13.9
FMC07/1.0	7	1	32/0.2	10	19.5	9.6
FMC12/0.75	12	0.75	24/0.2	7.5	26	11.7

Rubber Flexible (FHX)

0.6/1kV EPR Rubber Insulated

Applications

Hazardous Areas, Lighting and Entertainment, Marine, Power, Pumps and Energy Chains. Submersible to 200m's, H07RN-F

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125 Drawn from Class 5 Copper AS1574

Insulation: Coloured EPR Rubber Insulation

Sheath: CPE Rubber Sheath

Relevant Standard: AS/NZS 5000.1

Core Configurations:

3 Core – 1. Black, 2. Red, 3. Green/Yellow

4 Core – 1. Black, 2. Red, 3. Brown, 4. Green/Yellow



**Amp Rating for Unenclosed, Touching, 40°C ambient temperature*

Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	*Amp Rating 40°C	Electrical Resistance @20°C (Ω/KM)	Nominal OD
FHX34802	3	1.5	48/0.2	19	13.6	10.1
FHX37902	3	2.5	79/0.2	26	7.41	12
FHX44802	4	1.5	48/0.2	19	13.6	11.5
FHX47902	4	2.5	79/0.2	26	7.41	13.5