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MOVING AHEAD



TYCAB FLEXIBLE CABLE

SINGLE CORE 250/440V
SINGLE CORE 0.6/1KV
MULTI CORE LIGHT DUTY
MULTI CORE ORDINARY DUTY
MULTI CORE HEAVY DUTY

FIGURE 8





OXYGEN FREE COPPER

RoHS compliant

AS/NZS3191

SINGLE CORE FLEXIBLE 250/440 VOLT



Applications: Wiring of Communication, Electronic Equipment and Switchboards
Conductor: Tinned Copper Wire (TCW) to AS/NZS 1125
Insulation: RoHS Compliant V90HT (105) P.V.C. to AS/NZS 3808
Colours: **Black, Blue, Brown, Green / Yellow, Grey, Orange, Pink, Red, Violet, White, Yellow**
Packs: 100, 1000 metres - *other packs by request*

CODE	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	AMP RATING	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FVT11602	16/0.2	0.5	0.6	10	40.1	2.2	0.9
FVT12402	24/0.2	0.75	0.6	12	26.7	2.4	1.2
FVT13202	32/0.2	1.0	0.6	17	20.0	2.6	1.5

Where used as Fixed Wiring, AMP ratings to AS/NZS 3008.1.1:2009 Table 4 Unenclosed-Spaced 40°C (in air), 25°C (in ground). Refer AS/NZS 3008 for derating factors.
 Maximum operating temperature: 75°C in normal use OR 105°C where not subject to, or is protected from, mechanical damage (refer AS/NZS 3008.1.1:2009 Table 1 Clause 3).

0.6/1KV



Applications: Wiring of Communication, Electronic Equipment and Switchboards
Conductor: Tinned Copper Wire (TCW) to AS/NZS 1125
Insulation: RoHS Compliant V90HT (105) P.V.C. to AS/NZS 3808
Sheath Colours: **Black, Blue, Brown, Green / Yellow, Grey, Orange, Pink, Red, Violet, White, Yellow**
Packs: 100, 500, 1000 metres - *other packs by request*

CODE	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	AMP RATING	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FVK11602	16/0.2	0.5	0.8	10	40.1	2.6	1.1
FVK12402	24/0.2	0.75	0.8	12	26.7	2.8	1.4
FVK13202	32/0.2	1.0	0.8	17	20.0	3.0	1.7
FVK130025	30/0.25	1.5	0.8	21	13.7	3.15	2.2
FVK150025	50/0.25	2.5	0.9	29	8.2	3.95	3.5
FVK15603	56/0.3	4.0	1.0	38	5.1	4.75	5.3
FVK18403	84/0.3	6.0	1.0	49	3.2	5.3	7.5
FVK132202	320/0.2	10.0	1.0	69	1.95	6.1	11.3

Where used as Fixed Wiring, AMP ratings to AS/NZS 3008.1.1:2009 Table 4 Unenclosed-Spaced 40°C (in air), 25°C (in ground). Refer AS/NZS 3008 for derating factors.
 Maximum operating temperature: 75°C in normal use OR 105°C where not subject to, or is protected from, mechanical damage (refer AS/NZS 3008.1.1:2009 Table 1 Clause 3).

MULTI CORE FLEXIBLE LIGHT DUTY CIRCULAR 250/250 VOLT



Application: Lighting, Appliance and Control Wiring
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Core Colours: **2 core: Brown, Light Blue**
3 core: Brown, Light Blue, Green/Yellow
Sheath: RoHS Compliant 5V90 P.V.C. to AS/NZS 3808
Sheath Colours: **Black, Grey**
Packs: 100 metres - *other packs by request*

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FRL21602	2	16/0.2	0.5	3	0.5	0.6	39.0	5.3	3.8
FRL22402	2	24/0.2	0.75	7.5	0.5	0.6	26.0	5.6	4.3
FRL32402	3	24/0.2	0.75	7.5	0.5	0.6	26.0	5.9	5.4

Maximum operating temperature 60°C. Ambient 25°C in air to AS/NZS 3008.1.1:2009 Table 16.
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MULTI CORE FLEXIBLE LIGHT DUTY FLAT 250/250 VOLT



Applications: Lighting, Appliance and Control Wiring
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Core Colours: **Brown, Light Blue**
Sheath: RoHS Compliant 5V90 P.V.C. to AS/NZS 3808
Sheath Colours: **Black, White**
Packs: 100 metres - *other packs by request*

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FRN21602	2	16/0.2	0.5	3	0.5	0.6	39.0	3.35 x 5.35	3.1
FRN22402	2	24/0.2	0.75	7.5	0.5	0.6	26.0	3.55 x 5.75	3.7

Maximum operating temperature 60°C. Ambient 25°C in air to AS/NZS 3008.1.1:2009 Table 16. ESV approved

ORDINARY DUTY CIRCULAR 250/440 VOLT



Application: Lighting, Appliance, Plug Leads
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Core Colours:
2 core: Brown, Light Blue
3 core: Brown, Light Blue, Green/Yellow
4 core: Brown, White, Light Blue, Green/Yellow
5 core: Brown, White, Orange, Light Blue, Green/Yellow
7 core: Brown, White, Orange, Light Blue, Green/Yellow, Black, Grey
Sheath: RoHS Compliant 5V90 P.V.C. to AS/NZS 3808
Sheath Colours: **Black, Grey, Orange, White**
Packs: 100 metres - *other packs by request*

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FRM22402	2	24/0.2	0.75	7.5	0.6	0.8	26.0	6.30	5.4
FRM23202	2	32/0.2	1.0	10	0.6	0.8	19.5	6.7	6.1
FRM230025	2	30/0.25	1.5	15.0	0.7	0.8	13.3	7.7	8.5
FRM250025	2	50/0.25	2.5	20	0.8	1.0	8.0	9.3	12.2
FRM32402	3	24/0.2	0.75	7.5	0.6	0.8	26.0	6.7	6.8
FRM33202	3	32/0.2	1.0	10	0.6	0.8	19.5	7.0	7.7
FRM330025	3	30/0.25	1.5	15	0.7	0.9	13.3	8.3	10.6
FRM350025	3	50/0.25	2.5	20	0.8	1.1	8.0	10.1	16.2
FRM35603	3	56/0.3	4.0	25	0.8	1.1	5.0	11.2	22.4
FRM42402	4	24/0.2	0.75	7.5	0.6	0.8	26.0	7.3	7.8
FRM43202	4	32/0.2	1.0	10	0.6	0.9	19.5	7.9	9.5
FRM430025	4	30/0.25	1.5	15	0.7	1.0	13.3	9.2	13.3
FRM450025	4	50/0.25	2.5	20	0.8	1.1	8.0	11.2	20.0
FRM45603	4	56/0.3	4.0	25	0.8	1.1	5.0	12.3	28.1
FRM52402	5	24/0.2	0.75	7.5	0.6	0.9	26.0	8.2	9.5
FRM53202	5	32/0.2	1.0	10	0.6	0.9	19.5	8.6	11.0
FRM530025	5	30/0.25	1.5	15	0.7	1.1	13.3	10.3	15.8
FRM550025	5	50/0.25	2.5	20	0.8	1.2	8.0	12.3	23.4
FRM55603	5	56/0.3	4.0	25	0.8	1.3	5.0	13.9	34.7
FRM72402	7	24/0.2	0.75	7.5	0.6	0.9	26.0	8.9	12.0
FRM73202	7	32/0.2	1.0	10	0.6	1.1	19.5	9.6	14.7

Maximum operating temperature 60°C. Ambient 25°C in air to AS/NZS 3008.1.1:2009 Table 16. ESV approved where applicable



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RoHS compliant

AS/NZS3191

MULTI CORE FLEXIBLE HEAVY DUTY CIRCULAR 0.6/1KV



Application: Extension Leads for Heavy Duty Applications
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Core Colours: **2 core: Brown, Light Blue**
3 core: Brown, Light Blue, Green/Yellow
4 core: Brown, White, Light Blue, Green/Yellow
5 core: Brown, White, Orange, Light Blue, Green/Yellow
Sheath: RoHS Compliant 5V90 P.V.C. to AS/NZS 3808
Sheath Colours: **Orange - other colours by request**
Packs: 100 metres - other packs by request

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FRH23202	2	32/0.2	1.0	10	0.8	1.3	19.5	8.3	9.0
FRH33202	3	32/0.2	1.0	10	0.8	1.4	19.5	9.0	11.0
FRH330025	3	30/0.25	1.5	15	0.8	1.6	13.3	10.1	14.2
FRH350025	3	50/0.25	2.5	20	0.9	1.8	8.0	12.0	20.5
FRH35603	3	56/0.3	4.0	25	1.0	1.9	5.0	13.7	28.6
FRH43202	4	32/0.2	1.0	10	0.8	1.5	19.5	10.1	14.0
FRH430025	4	30/0.25	1.5	15	0.8	1.7	13.3	11.2	17.6
FRH450025	4	50/0.25	2.5	20	0.9	1.9	8.0	13.1	25.3
FRH45603	4	56/0.3	4.0	25	1.0	2.0	5.0	15.0	35.7
FRH53202	5	32/0.2	1.0	10	0.8	1.6	19.5	10.8	15.9
FRH530025	5	30/0.25	1.5	15	0.8	1.8	13.3	12.1	20.3
FRH550025	5	50/0.25	2.5	20	0.9	2.0	8.0	14.4	29.2
FRH55603	5	56/0.3	4.0	25	1.0	1.0	5.0	16.7	43.0

Maximum operating temperature 60°C. Ambient 25°C in air to AS/NZS 3008.1.1:2009 Table 16.
 ESV approved where applicable

FIGURE 8 PARALLEL WEBBED 250/250 VOLT



Applications: Wiring of Audio, Electronic and Allied Equipment
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Colours: **Black, White**
Packs: 100 metres - other packs by request

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	AMP RATING	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
FFR21602	2	16/0.2	0.5	3	0.8	39	2.60 x 5.60	2.2
FFR22402	2	24/0.2	0.75	7.5	0.8	26	2.80 x 6.00	2.6

NOTE: FFR22402 Austel Approved - CCLA93/CA/0098
 Maximum operating temperature 60°C. Ambient 25°C in air to AS/NZS 3008.1.1:2009 Table 16.
 ESV approved



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