BUILDING WIRE

CLASS 2, FLAT CABLE FT 2C + E, COPPER CONDUCTOR, PVC INSULATED, PVC SHEATHED

Cu/PVC/PVC

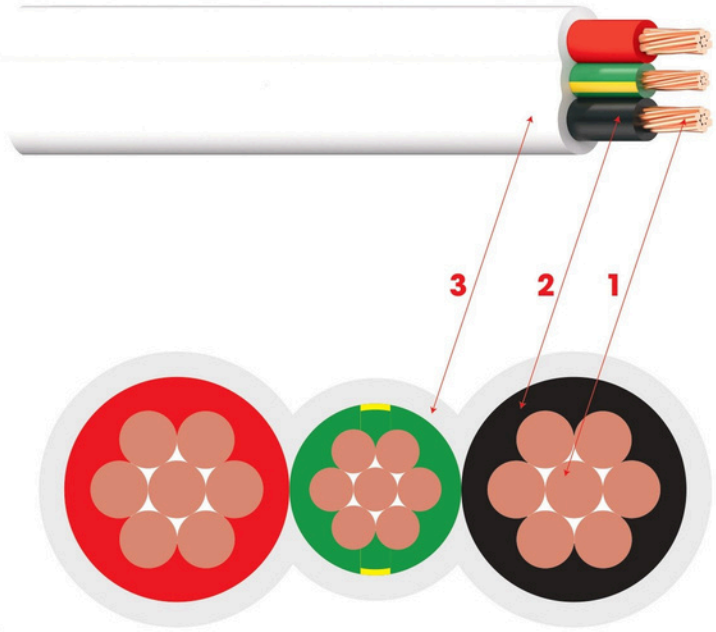
STANDARD:
- AS/NZS 5000.2
- AS/NZS 1125
- AS/NZS 3808

CONSTRUCTION:
- Conductor: Concentric stranded circular copper, AS/NZS 1125, class 2
- Insulation: PVC (Type V-90)
- Outer sheath: PVC (Type 3V-90)

IDENTIFICATION:
- Insulation colour: Red, Black, Green/Yellow (green Insulation with yellow stripes).
- Sheath colour: White.

TECHNICAL CHARACTERISTICS:
- Rated voltage U_0/U: 450/750 V.
- Maximum conductor temperature for normal operation is 75°C.
- Minimum bending radius:
* Installed cables: 8 x D (D: overall diameter of cable).

APPLICATION:
- Building wire application for installation in dry raceway, wiring in switchboard,...



1. Conductor: Copper
2. Insulation: PVC (Type V-90)
3. Oversheath: PVC (Type 3V-90)

No.	Conductor Core				Conductor E				Cable				
	Nominal Area	Number/ Nominal Dia. of wire	Nominal diameter (*)	Max. DC resistance at 20°C	Nominal Area	Number/ Nominal Dia. of wire	Nominal diameter (*)	Max. DC resistance at 20°C	Nominal insulation thickness Core	Nominal insulation thickness E	Nominal sheath thickness	Approx. Overall Diameter (*)	Approx. Weight (*)
	mm²	N°/mm	mm	Ω/km	mm²	mm	mm	Ω/km	mm	mm	mm	mm	kg/km
1	1.5	7/0.5	1.5	13.6	1.5	7/0.5	1.5	13.6	0.6	0.6	0.9	4.7 x 10.2	92
2	2.5	7/0.67	2.0	7.41	2.5	7/0.67	2.0	7.41	0.7	0.7	1.0	5.4 x 12.2	139
3	4.0	7/0.85	2.6	4.61	2.5	7/0.67	2.0	7.41	0.8	0.7	1.1	6.5 x 14.0	194
4	6.0	7/1.04	3.1	3.08	2.5	7/0.67	2.0	7.41	0.8	0.7	1.1	7.1 x 15.2	245
5	10	7/1.35	4.1	1.83	4.0	7/0.85	2.6	4.61	1.0	0.8	1.2	8.5 x 18.8	382
6	16	7/1.7	5.1	1.15	6.0	7/1.04	3.1	3.08	1.0	0.8	1.3	9.9 x 21.9	556

(*) Reference value: For design transportation, storage products. Not for evaluating the quality of products.
DAPHACO is also committed to providing customized cable solution to suit any customer standards and requirements.