

300/300 Volts Light & 300/500 Volts Ordinary PVC Insulated PVC Sheathed Flexible Cables

Standard : BS 6500

Rated Voltage :

Light PVC 300/300V

Ordinary PVC 300/500V

Harmonized Code :

Light PVC HO3VV-F

Ordinary PVC HO5VV-F

Conductor: Class 5 flexible copper as per IEC 60228, BS EN 60228.

Insulation: PVC insulation type TI2 as per BS EN 50363.
temperature rating 70 °C

Sheath: PVC type TM2 as per BS EN 50363
temperature rating 70 °C.

(PVC rated 90 °C or 105 °C available upon request).

Applications: These cables are used in mobile electrical equipment and units, supply pumps and motors, etc., in which cables with high flexibility are required.



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Type Of Conductor	Order No.	Item Code No.	Nominal Area	Insulation Thickness	Nominal Sheath Thickness	Approx Overall Diameter*	Approx Weight**	Standard Length	Standard Packing
			mm ²	mm	mm	mm	Kg/Km	mtr.	
Light	F001	U1F2-20400F-20002W-4	2x0.50	0.6	0.8	6.0	38.0	91.4	coil
	F002	U1F2-20500F-20002W-4	2x0.75	0.6	0.8	6.3	45.0	91.4	coil
	F003	U1F2-30400F-20002W-4	3x0.50	0.6	0.8	6.3	45.0	91.4	coil
	F004	U1F2-40500F-20002W-4	3x0.75	0.6	0.8	6.7	55.0	91.4	coil
	F005	U1F2-40400F-20002W-4	4x0.50	0.6	0.8	6.8	55.0	91.4	coil
	F006	U1F2-40500F-20002W-4	4x0.75	0.6	0.8	7.3	65.0	91.4	coil
Ordinary	F007	U1F2-20600F-20002W-4	2x1.0	0.6	0.8	6.6	64.7	91.4	coil
	F008	U1F2-20800F-20002W-4	2x1.5	0.7	0.8	7.55	87.0	91.4	coil
	F009	U1F2-21000F-20002W-4	2x2.5	0.8	1.0	9.2	133.0	91.4	coil
	F010	U1F2-21200F-20002W-4	2x4.0	0.8	1.1	10.5	188.0	91.4	coil
	F011	U1F2-21300F-20002W-4	2x6.0	0.8	1.1	11.85	246.0	91.4	coil
	F012	U1F2-21400F-20002W-4	2x10.0	1	1.2	14.60	384.5	91.4	coil
	F013	U1F2-21500F-20002W-4	2x16.0	1	1.3	17.0	525.0	91.4	coil
	F014	U1F2-21600F-20002W-4	2x25.0	1.2	1.8	21.30	755.1	91.4	coil
	F015	U1F2-30600F-20002W-4	3x1.0	0.6	0.8	7.0	77.0	91.4	coil
	F016	U1F2-30800F-20002W-4	3x1.5	0.7	0.9	8.2	111.0	91.4	coil
	F017	U1F2-31000F-20002W-4	3x2.5	0.8	1.0	9.8	161.0	91.4	coil
	F018	U1F2-31200F-20002W-4	3x4.0	0.8	1.1	11.2	232.0	91.4	coil
	F019	U1F2-31300F-20002W-4	3x6.0	0.8	1.1	12.6	322.0	91.4	coil
	F020	U1F2-31400F-20002W-4	3x10.0	1	1.2	15.60	510.8	91.4	coil
	F021	U1F2-31500F-20002W-4	3x16.0	1	1.3	18.20	710.2	91.4	coil
	F022	U1F2-31600F-20002W-4	3x25.0	1.2	1.8	22.75	1037.6	91.4	coil
	F023	U1F2-40600F-20002W-4	4x1.0	0.6	0.8	7.75	95.8	91.4	coil
	F024	U1F2-40800F-20002W-4	4x1.5	0.7	1.0	9.3	141.0	91.4	coil
	F025	U1F2-41000F-20002W-4	4x2.5	0.8	1.1	11.10	206.0	91.4	coil
	F026	U1F2-41200F-20002W-4	4x4.0	0.8	1.1	12.5	300.0	91.4	coil
	F027	U1F2-41300F-20002W-4	4x6.0	0.8	1.1	14.0	405.0	91.4	coil
	F028	U1F2-41400F-20002W-4	4x10.0	1	1.2	17.45	640.8	91.4	coil
	F029	U1F2-41500F-20002W-4	4x16.0	1	1.3	20.45	899.9	91.4	coil
	F030	U1F2-41600F-20002W-4	4x25.0	1.2	1.8	25.40	1325.6	91.4	coil
	F031	U1F2-50600F-20002W-4	5x1.0	0.6	0.9	8.6	115.0	91.4	coil
	F032	U1F2-50700F-20002W-4	5x1.5	0.7	1.1	10.2	170.0	91.4	coil
	F033	U1F2-50800F-20002W-4	5x2.5	0.8	1.2	12.2	245.0	91.4	coil
	F034	U1F2-51900F-20002W-4	5x4.0	0.8	1.4	14.05	355.0	91.4	coil
	F035	U1F2-51000F-20002W-4	5x6.0	0.8	1.4	15.8	475.0	91.4	coil
	F036	U1F2-51100F-20002W-4	5x10.0	1	1.4	19.4	800.4	91.4	coil
	F037	U1F2-51200F-20002W-4	5x16.0	1	1.4	22.35	1130.5	91.4	coil
	F038	U1F2-51300F-20002W-4	5x25.0	1.2	1.8	27.60	1676.5	91.4	coil

*The approx. overall diameter is subject to a tolerance of (-2/+8)o/o.

**The approx. weight is subject to a tolerance of (+ 5)o/o.

. Produced as per BS 6004.

Features . Small diameter saves space.

. Excellent electric characteristics and mechanical strength.

Color Code:

- * Two-cores: Blue, Brown
- * Three-cores: Green/ yellow, Brown, Blue
- * Four-cores: Green/ yellow, Brown, Black, Blue
- * Five-cores: Green/ yellow, Brown, Blue, Black, Grey