



Hi Flex PVC Welding Cable

Applications:	Easy to use inside visible or embedded piping. Direct burial installation or outdoors in wet environments as well as contact with hot parts is not allowed. It must not be subject to thermic radiation.
Conductors:	Extra Flexible Copper Conductor
Insulation:	PVC
Voltage:	450/750V
Max operating temperature:	70°C on conductor is installed in ordinary environments.
Max temperature in case of short circuit:	Max duration 5 seconds. 160°C on conductor
Min temperature for installed conductor:	+5°C
Minimum bending radius:	6 x overall diameter
Max laying stress:	50N +/- 5 shore "A"
Insulation hardness:	70 + / - 5 shore "A"
Standards:	IEC60331: Tests for electric cables under fire conditions - circuit integrity IEC60332-1: Tests on electric and optical fibre cables under fire conditions Part 1: test for vertical flame propagation for a single insulated wire or cable BSEN50265: Common test methods for cables under fire conditions. Test for resistance to vertical flame propagation for a single insulated conductor or cables



Size sq.mm	Nominal conductor construction	Nominal diameter of conductor mm	Outer diameter of insulation mm	Insulation thickness mm		Min insulation resistance Ohms	Approx. weight kg/km	BATT Part No. Black	BATT Part No. Red
				AV min	min				
10		4.2	7.3			0.0065	129	19998	
16	204 x 0.3	5.2	8.7	1.4	1.16	1.28	200	19008	19010
25	324 x 0.3	6.5	10.5	1.5	1.25	0.85	300	19016	19022
35	444 x 0.3	7.8	12.0	1.7	1.53	0.58	410	19038	19039
50	636 x 0.3	8.8	13.8	1.7	1.43	0.41	565	19040	19041
70	900 x 0.3	10.8	15.9	1.9	1.61	0.28	780	19044	19053
95	1308 x 0.3	-	-	2.0	1.70	-	-	19058	19057
120	1680 x 0.3	-	-	2.0	1.70	-	-	15185	15186

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