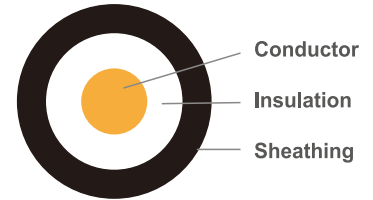


Heat-Resistant Cable(380°C/15min)

- Standard(s) [HR-CV]Approval criteria for heat-resistant wires and cables
- Application Suitable for control circuit lines of fire safety equipment or emergency power supply systems with rated voltage below 600 V
- Characteristics Offers good heat resistance, water resistance, chemical resistance, wear resistance, and resistance against cracking. Light in weight, easy to lay, and simple to terminate.

Reference picture



Construction and properties table / 600V

Conductor diameter or nominal cross-sectional area	Number of cores	Conductor		Insulation thickness	Sheathing thickness	Finished external diameter (approx.)	Maximum conductor resistance	Minimum insulation resistance		Test voltage
		Construction	External diameter (approx.)				20 °C	20 °C	75 °C	A.C.
							Ω/km	MΩ-km		V/1min
mm/mm ²		No./mm	mm	mm	mm	mm				
1.2mm	1C	1/1.2	1.2	0.50	0.50	3.2	16.0	50	0.05	1500
	2C			0.50	0.90	6.2				
	3C			0.50	0.90	6.5				
	4C			0.50	0.90	7.1				
	5C			0.50	0.90	7.8				
	6C			0.50	0.90	8.5				
	7C			0.50	0.90	8.5				
	8C			0.50	0.90	9.1				
	10C			0.50	0.90	10.7				
	12C			0.50	1.00	11.2				
	16C			0.50	1.00	12.4				
	18C			0.50	1.00	13.1				
	20C			0.50	1.00	13.7				
	24C			0.50	1.10	15.5				
	30C			0.50	1.20	16.6				
1.6mm	1C	1/1.6	1.6	0.50	0.50	3.6	9.01	50	0.05	1500
	2C			0.50	0.90	7.0				
	3C			0.50	0.90	7.4				
	4C			0.50	0.90	8.1				
	5C			0.50	0.90	8.9				
	6C			0.50	0.90	9.7				
	7C			0.50	0.90	9.7				
	8C			0.50	0.90	10.4				
	10C			0.50	1.00	12.5				
	12C			0.50	1.00	12.9				
	16C			0.50	1.00	14.3				
	18C			0.50	1.00	15.1				
	20C			0.50	1.00	15.8				
	24C			0.50	1.30	18.3				
	30C			0.50	1.30	19.3				
2.0mm	1C	1/2.0	2.0	0.50	0.50	4.0	5.77	50	0.05	1500
	2C			0.50	0.90	7.8				
	3C			0.50	0.90	8.3				
	4C			0.50	0.90	9.0				
	5C			0.50	0.90	10.0				
	6C			0.50	0.90	10.9				
	7C			0.50	0.90	10.9				
	8C			0.50	1.00	12.0				
	10C			0.50	1.00	14.1				
	12C			0.50	1.00	14.5				
	16C			0.50	1.00	16.2				
	18C			0.50	1.00	17.1				
	20C			0.50	1.20	18.4				
	24C			0.50	1.30	20.7				
	30C			0.50	1.30	21.9				
1.25mm ²	1C	7/0.45	1.35	0.60	0.50	3.6	16.8	50	0.05	1500
	2C			0.60	1.00	7.1				
	3C			0.60	1.00	7.5				
	4C			0.60	1.00	8.2				
	5C			0.60	1.00	8.9				
	6C			0.60	1.00	9.7				
	7C			0.60	1.00	9.7				
	8C			0.60	1.00	10.5				
	10C			0.60	1.00	12.3				
	12C			0.60	1.00	12.6				
	16C			0.60	1.00	14.0				
	18C			0.60	1.00	14.8				
	20C			0.60	1.20	16.0				
	24C			0.60	1.30	18.0				
	30C			0.60	1.40	19.2				
2mm ²	1C	7/0.6	1.8	0.60	0.50	4.0	9.43	50	0.05	1500
	2C			0.60	1.00	8.0				
	3C			0.60	1.00	8.5				
	4C			0.60	1.00	9.2				
	5C			0.60	1.00	10.2				
	6C			0.60	1.00	11.1				
	7C			0.60	1.00	11.1				
	8C			0.60	1.00	12.0				
	10C			0.60	1.00	14.1				
	12C			0.60	1.00	14.5				
	16C			0.60	1.00	16.2				
	18C			0.60	1.00	17.1				
	20C			0.60	1.20	18.4				
	24C			0.60	1.50	21.1				
	30C			0.60	1.50	22.3				



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