

Product name

H03VV-F H03VVH2-F

Product Standard

EN 50525; BS 6500

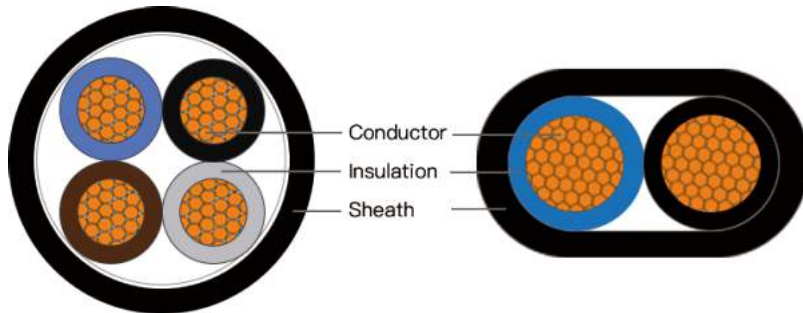
Operation Characteristic

1. Rated voltage: 300/300V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 300V and below.

Product mix



Conductor	Copper
Insulation	PVC
Sheath	PVC
Core number	2/3/4 cores
Cross section area	0.5mm ² -0.75mm ²



PARTIAL PRODUCT PARAMETERS

H03VV-F

Core*Nominal Cross sectional Area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No*mm ²	mm	mm	mm	mm	MΩ.km
2*0.5	0.5	0.6	4.6	5.9	0.011
2*0.75	0.5	0.6	4.9	6.3	0.01
3*0.5	0.5	0.6	4.9	6.3	0.011
3*0.75	0.5	0.6	5.2	6.7	0.01
4*0.5	0.5	0.6	5.4	6.9	0.011
4*0.75	0.5	0.6	5.7	7.3	0.01

H03VVH2-F

Core*Nominal Cross sectional Area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No*mm ²	mm	mm	mm	mm	MΩ.km
2*0.5	0.5	0.6	3.0*4.9	3.7*5.9	0.011
2*0.75	0.5	0.6	3.2*5.2	3.8*6.3	0.01

Product name

H05VV-F H05VVH2-F

Product Standard

EN 50525; BS 6500

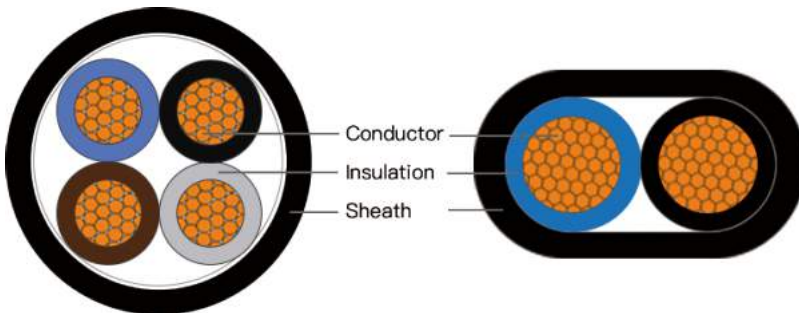
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 500V and below.

Product mix



Conductor	Copper
Insulation	PVC
Sheath	PVC
Core number	2/3/4 cores
Cross section area	0.5mm ² -10mm ²



PARTIAL PRODUCT PARAMETERS

H05VV-F

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm ²	mm	mm	mm	mm	MΩ·km
2*0.75	0.6	0.8	5.7	7.2	0.011
2*1	0.6	0.8	5.9	7.5	0.01
2*1.5	0.7	0.8	6.8	8.6	0.01
2*2.5	0.8	1	8.4	10.6	0.0095
2*4	0.8	1.1	9.7	12.1	0.0078
3*0.75	0.6	0.8	6	7.6	0.011
3*1	0.6	0.8	6.3	8	0.1
3*1.5	0.7	0.9	7.4	9.4	0.1
3*2.5	0.8	1.1	9.2	11.4	0.0095
3*4	0.8	1.2	10.5	13.1	0.0078
4*0.75	0.6	0.8	6.6	8.3	0.011
4*1	0.6	0.9	7.1	9	0.01
4*1.5	0.7	1	8.4	10.5	0.01

H05VVH2-F

Core*Nominal Cross sectional Area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No*mm ²	mm	mm	mm	mm	MΩ.km
2*0.75	0.6	0.8	3.7*6.0	4.5*7.2	0.011
2*1	0.6	0.8	3.9*6.2	4.7*7.5	0.01
2*1.5	0.7	0.8	4.2*7.0	5.2*8.6	0.01

Product name

H07V-U H07V-R

Product Standard

EN 50525; BS 6500

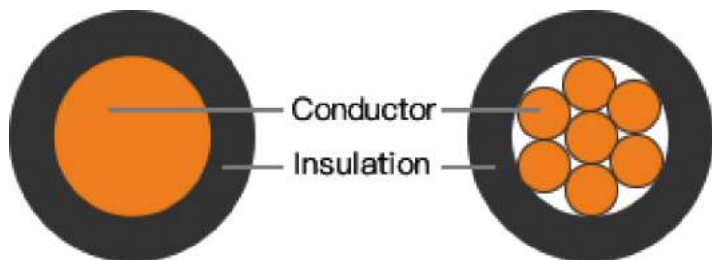
Operation Characteristic

1. Rated voltage: 450/750V
2. Long-term permission working temperature of cable conductor is 70°C

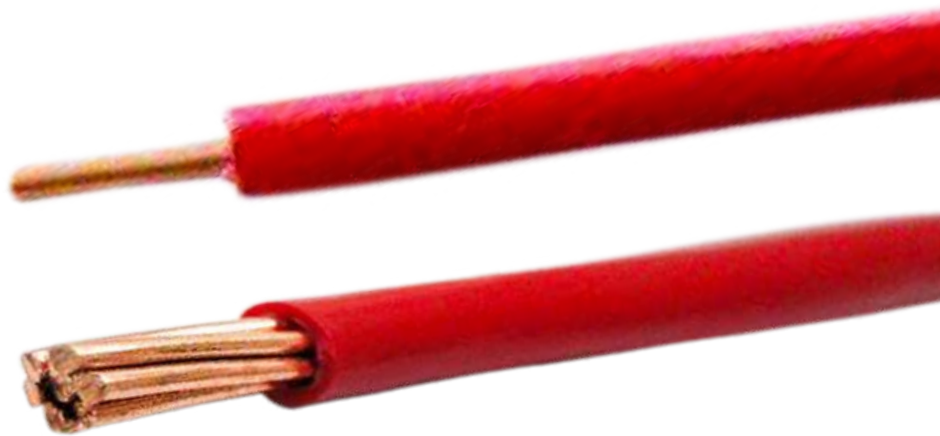
Application

It is suitable for fixed wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 450/750V and below.

Product mix



Conductor	Copper
Insulation	PVC
Core number	1 core
Cross section area	1.5mm ² -1000mm ²



PARTIAL PRODUCT PARAMETERS

H07V-U

Nominal cross sectional area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
1.5	1	0.7	2.6	3.2	0.011
2.5	1	0.8	3.2	3.9	0.01
4	1	0.8	3.6	4.4	0.0087
6	1	0.8	4.1	5	0.0074
10	1	1.0	5.3	6.4	0.0072

H07V-R

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	2	mm	mm	mm	MΩ.km
1.5	2	0.7	2.7	3.3	0.01
2.5	2	0.8	3.3	4	0.0099
4	2	0.8	3.8	4.6	0.0082
6	2	0.8	4.3	5.2	0.0070
10	2	1.0	5.6	6.7	0.0067
16	2	1.0	6.4	7.8	0.0056
25	2	1.2	8.1	9.7	0.0053
35	2	1.2	9.0	10.9	0.0046
50	2	1.4	10.6	12.8	0.0046
70	2	1.4	12.1	14.6	0.0040
95	2	1.6	14.1	17.1	0.0039
120	2	1.6	15.6	18.8	0.0035
150	2	1.8	17.3	20.9	0.0035

Product name

H07V-K

Product Standard

EN 50525; BS 6500



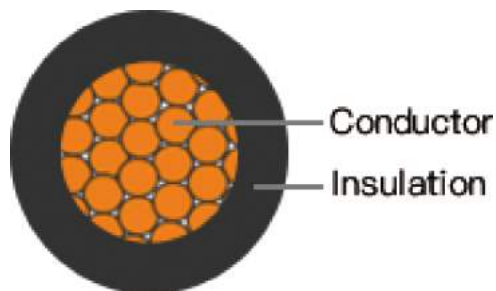
Operation Characteristic

1. Rated voltage: 450/750V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 450/750V and below.

Product mix



Conductor	Copper
Insulation	PVC
Core number	1 core
Cross section area	1.5mm ² -240mm ²

PARTIAL PRODUCT PARAMETERS

Nominal Cross sectional Area	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
		Lower limit	Upper limit	
mm ²	mm	mm	mm	MΩ.km
1.5	0.7	2.8	3.4	0.01
2.5	0.8	3.4	4.1	0.0095
4	0.8	3.9	4.8	0.0078
6	0.8	4.4	5.3	0.0068
10	1.0	5.7	6.8	0.0065
16	1.0	6.7	8.1	0.0053
25	1.2	8.4	10.2	0.0050
35	1.2	9.7	11.7	0.0043
50	1.4	11.5	13.9	0.0042
70	1.4	13.2	16.0	0.0036
95	1.6	15.1	18.2	0.0036
120	1.6	16.7	20.2	0.0032
150	1.8	18.6	22.5	0.0032
185	2.0	20.6	24.9	0.0032
240	2.2	23.5	28.4	0.0031

Product name

H05V-U H05V-R H05V-K

Product Standard

EN 50525; BS 6500

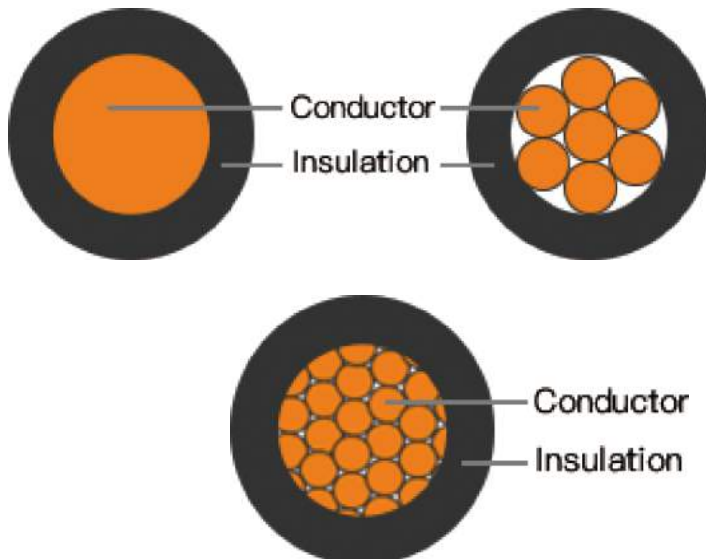
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300/500V and below.

Product mix



Conductor	Copper
Insulation	PVC
Core number	1 core
Cross section area	1.5mm ² -1mm ²

PARTIAL PRODUCT PARAMETERS

H05V-U

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	1	0.6	1.9	2.3	0.014
0.75	1	0.6	2.1	2.5	0.013
1	1	0.6	2.2	2.7	0.011

H05V-R

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	2	0.6	2.0	2.4	0.014
0.75	2	0.6	2.2	2.6	0.012
1	2	0.6	2.3	2.8	0.011

H05V-K

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	5	0.6	2.1	2.5	0.013
0.75	5	0.6	2.2	2.7	0.011
1	5	0.6	2.4	2.8	0.01

Product name

H05VV5-F

Product Standard

EN 50525; BS 6500

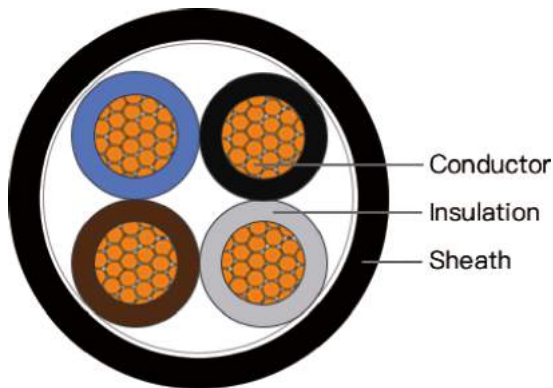
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 500V and below.

Product mix



Conductor	Copper
Insulation	PVC
Sheath	PVC
Core number	2-60 cores
Cross section area	0.5mm ² -2.5mm ²



PARTIAL PRODUCT PARAMETERS

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheth	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm2	mm	mm	mm	mm	MΩ.km
6*2.5	0.8	1.20	12.2	15.1	0.0095
7*0.5	0.6	0.90	8.3	10.4	0.013
7*0.75	0.6	1.00	9.0	11.3	0.011
7*1	0.6	1.00	9.5	11.8	0.01
7*1.5	0.7	1.20	11.3	14.1	0.0100
7*2.5	0.8	1.30	13.6	16.8	0.0095
12*0.5	0.6	1.10	10.4	12.9	0.013
12*0.75	0.6	1.10	11.0	13.7	0.011
12*1	0.6	1.20	11.8	14.6	0.01
12*1.5	0.7	1.30	13.8	17	0.01
12*2.5	0.8	1.50	16.8	20.6	0.0095
18*0.5	0.6	1.20	12.3	15.3	0.013
18*0.75	0.6	1.30	13.2	16.4	0.011
18*1	0.6	1.30	14.0	17.2	0.01
18*1.5	0.7	1.50	16.5	20.3	0.01
18*2.5	0.8	1.80	20.2	24.8	0.0095
27*0.5	0.6	1.40	15.1	18.6	0.013
27*0.75	0.6	1.50	16.2	19.9	0.011
27*1	0.6	1.50	17.0	21.0	0.01
27*1.5	0.7	1.80	20.3	24.9	0.01
27*2.5	0.8	2.10	24.7	30.2	0.0095
36*0.5	0.6	1.50	17.0	20.9	0.013
36*0.75	0.6	1.60	18.2	22.4	0.011
36*1	0.6	1.70	19.4	23.8	0.01
36*1.5	0.7	2.00	23.0	28.2	0.01

Product name

H05VC4V5-F

Product Standard

EN 50525; BS 6500

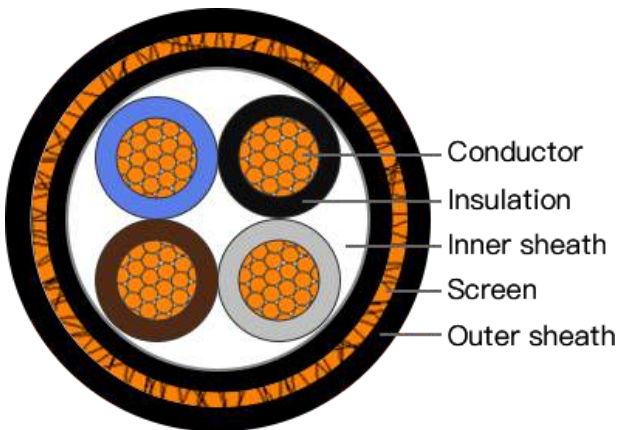
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 500V and below.

Product mix



Conductor	Copper
Insulation	PVC
Inner sheath	PVC
Screen	Copper wire braid or tinned copper wire braid
Sheath	PVC
Core number	2-60 cores
Cross section area	0.5mm ² -2.5mm ²

PARTIAL PRODUCT PARAMETERS

Core*Nominal cross sectional area	Thickness of insulation	Thicknes of inner sheath	Diameter of wire of the screen	Thickness of sheth	Nominal diameter		Min. insulation resistant at rated temperature
					Lower limit	Upper limit	
No.mm2	mm	mm	mm	mm	mm	mm	MΩ.km
6*1	0.6	0.70	0.16	1.10	11.0	13.6	0.01
6*1.5	0.7	0.80	0.16	1.20	12.7	15.7	0.0100
6*2.5	0.8	0.80	0.21	1.40	15.2	18.7	0.0095
7*0.5	0.6	0.70	0.16	1.10	10.8	13.5	0.013
7*0.75	0.6	0.70	0.16	1.20	11.5	14.3	0.011
7*1	0.6	0.80	0.16	1.20	12.2	15.1	0.01
7*1.5	0.7	0.80	0.21	1.30	14.1	17.4	0.0100
7*2.5	0.8	0.80	0.21	1.50	16.5	20.3	0.0095
12*0.5	0.6	0.80	0.21	1.30	13.3	16.5	0.013
12*0.75	0.6	0.80	0.21	1.30	13.9	17.2	0.011
12*1	0.6	0.80	0.21	1.40	14.7	18.1	0.01
12*1.5	0.7	0.80	0.21	1.50	16.7	20.5	0.01
12*2.5	0.8	0.90	0.21	1.70	19.9	24.4	0.0095
18*0.5	0.6	0.80	0.21	1.30	15.1	18.6	0.013
18*0.75	0.6	0.80	0.21	1.50	16.2	19.9	0.011
18*1	0.6	0.80	0.21	1.50	16.9	20.8	0.01
18*1.5	0.7	0.80	0.21	1.70	19.6	24.1	0.01
18*2.5	0.8	0.90	0.21	2.00	23.3	28.5	0.0095
27*0.5	0.6	0.80	0.21	1.60	18.0	22.1	0.013
27*0.75	0.6	0.90	0.21	1.70	19.3	23.7	0.011
27*1	0.6	0.90	0.21	1.70	20.2	24.7	0.01
27*1.5	0.7	0.90	0.21	2.00	23.4	28.6	0.01
27*2.5	0.8	1.00	0.26	2.30	28.2	34.5	0.0095
36*0.5	0.6	0.90	0.21	1.70	20.1	24.7	0.013
36*0.75	0.6	0.90	0.21	1.80	21.3	26.2	0.011
36*1	0.6	0.90	0.21	1.90	22.5	27.6	0.01
36*1.5	0.7	1.00	0.26	2.20	26.6	32.5	0.01

Product name

H03Z1Z1-F H03Z1Z1H2-F

Product Standard

EN 50525; BS 6500

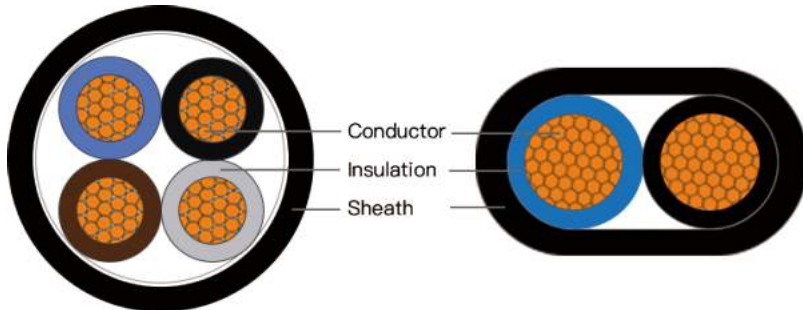
Operation Characteristic

1. Rated voltage: 300/300V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 300V and below.

Product mix



Conductor	Copper
Insulation	HFFR
Sheath	HFFR
Core number	2/3/4 cores
Cross section area	0.5mm ² -0.75mm ²



PARTIAL PRODUCT PARAMETERS

H03Z1Z1-F

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm ²	mm	mm	mm	mm	MΩ.km
2*0.5	0.5	0.6	4.6	5.9	0.011
2*0.75	0.5	0.6	4.9	6.3	0.01
3*0.5	0.5	0.6	4.9	6.3	0.011
3*0.75	0.5	0.6	5.2	6.7	0.01
4*0.5	0.5	0.6	5.4	6.9	0.011
4*0.75	0.5	0.6	5.7	7.3	0.010

H03Z1Z1H2-F

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm ²	mm	mm	mm	mm	MΩ.km
2*0.5	0.5	0.6	3.0*4.9	3.7*5.9	0.011
2*0.75	0.5	0.6	3.2*5.2	3.8*6.3	0.01

Product name

H05Z1Z1-F H05Z1Z1H2-F

Product Standard

EN 50525; BS 6500

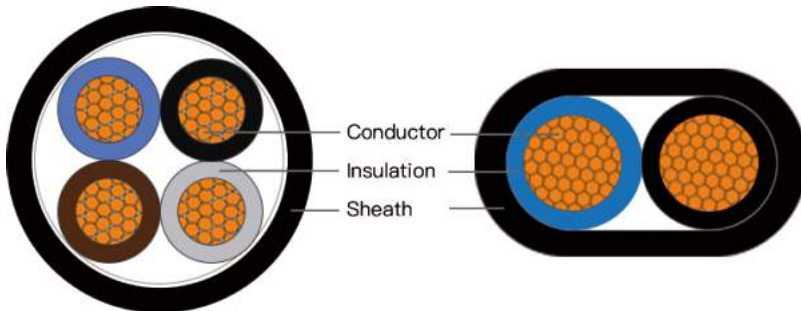
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300 / 500V and below.

Product mix



Conductor	Copper
Insulation	HFFR
Sheath	HFFR
Core number	2/3/4 cores
Cross section area	0.5mm ² -0.75mm ²



PARTIAL PRODUCT PARAMETERS

H03Z1Z1-F

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm2	mm	mm	mm	mm	MΩ.km
2*0.75	0.6	0.8	5.7	7.2	0.011
2*1	0.6	0.8	5.9	7.5	0.01
2*1.5	0.7	0.8	6.8	8.6	0.01
2*2.5	0.8	1	8.4	10.6	0.0095
2*4	0.8	1.1	9.7	12.1	0.0078
3*0.75	0.6	0.8	6.0	7.6	0.011
3*1	0.6	0.8	6.3	8	0.01
3*1.5	0.7	0.9	7.4	9.4	0.01
3*2.5	0.8	1.1	9.2	11.4	0.0095
3*4	0.8	1.2	10.5	13.1	0.0078
4*0.75	0.6	0.8	6.6	8.3	0.011
4*1	0.6	0.9	7.1	9	0.01
4*1.5	0.7	1	8.4	10.5	0.01
4*2.5	0.8	1.1	10.1	12.5	0.0095
4*4	0.8	1.2	11.5	14.3	0.0078

H03Z1Z1H2-F

Core*Nominal cross sectional area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
No.mm2	mm	mm	mm	mm	MΩ.km
2*0.75	0.6	0.8	3.7*6.0	4.5*7.2	0.011
2*1	0.6	0.8	3.9*6.2	4.7*7.5	0.01



Product name

H07Z1-U H07Z1-R

Product Standard

EN 50525; BS 6500

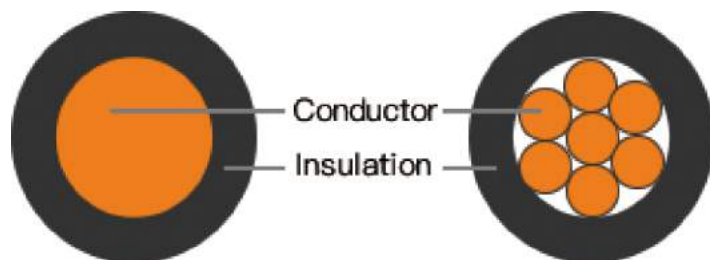
Operation Characteristic

1. Rated voltage: 450/750V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for fixed wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 450/750V and below.

Product mix



Conductor	Copper
Insulation	PVC
Core number	1 core
Cross section area	1.5mm ² -630mm ²

PARTIAL PRODUCT PARAMETERS

H07Z1-U

Nominal Cross sectional Area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	mm	mm	mm	mm	MΩ.km
1.5	1	0.7	2.6	3.2	0.011
2.5	1	0.8	3.2	3.9	0.01
4	1	0.8	3.6	4.4	0.0087
6	1	0.8	4.1	5	0.0074
10	1	1.0	5.3	6.4	0.0072

H07Z1-R

Nominal Cross sectional Area	Thickness of insulation	Thickness of sheath	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	mm	mm	mm	mm	MΩ.km
1.5	2	0.7	2.7	3.3	0.01
2.5	2	0.8	3.3	4	0.0099
4	2	0.8	3.8	4.6	0.0082
6	2	0.8	4.3	5.2	0.007
10	2	1.0	5.6	6.7	0.0067
16	2	1.0	6.4	7.8	0.0056
25	2	1.2	8.1	9.7	0.0053
35	2	1.2	9.0	10.9	0.0046
50	2	1.4	10.6	12.8	0.0046
70	2	1.4	12.1	14.6	0.0040
95	2	1.6	14.1	17.1	0.0039
120	2	1.6	15.6	18.8	0.0035
150	2	1.8	17.3	20.9	0.0035

Product name

H07Z1-K

Product Standard

EN 50525; BS 6500

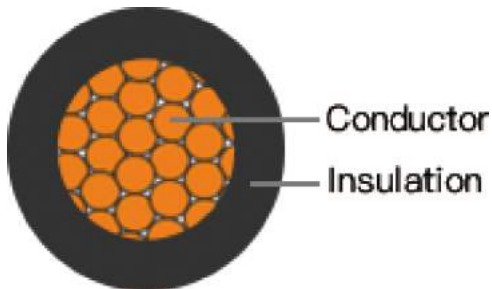
Operation Characteristic

1. Rated voltage: 450/750V
2. Long-term permission working temperature of cable conductor is 70°C

Application

It is suitable for flexible wire for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 450/750V and below.

Product mix



Conductor	Copper
Insulation	HFFR
Core number	1 core
Cross section area	1.5mm ² -240mm ²

PARTIAL PRODUCT PARAMETERS

Nominal Cross sectional Area	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
		Lower limit	Upper limit	
mm ²	mm	mm	mm	MΩ.km
1.5	0.7	2.8	3.4	0.01
2.5	0.8	3.4	4.1	0.0095
4	0.8	3.9	4.8	0.0078
6	0.8	4.4	5.3	0.0068
10	1.0	5.7	6.8	0.0065
16	1.0	6.7	8.1	0.0053
25	1.2	8.4	10.2	0.0050
35	1.2	9.7	11.7	0.0043
50	1.4	11.5	13.9	0.0042
70	1.4	13.2	16.0	0.0036
95	1.6	15.1	18.2	0.0036
120	1.6	16.7	20.2	0.0032
150	1.8	18.6	22.5	0.0032
185	2.0	20.6	24.9	0.0032
240	2.2	23.5	28.4	0.0031

Product name

H05Z1-U H05Z1-R H05Z1-K

Product Standard

EN 50525; BS 6500

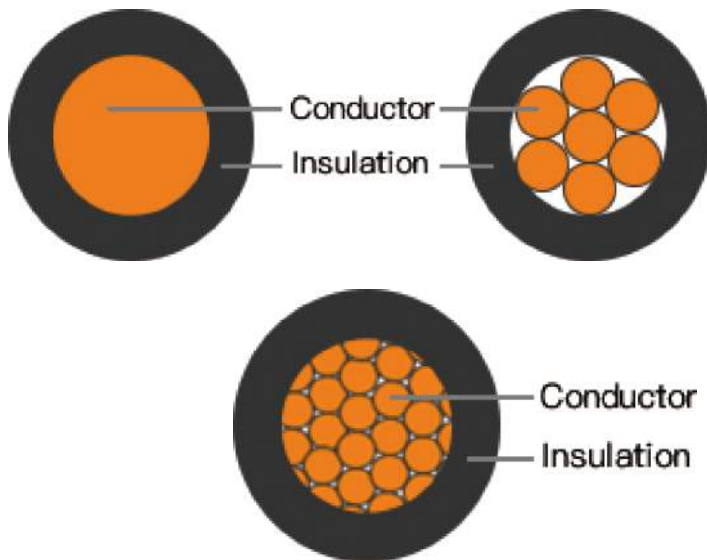
Operation Characteristic

1. Rated voltage: 300/500V
2. Long-term permission working temperature of cable conductor is 70°C

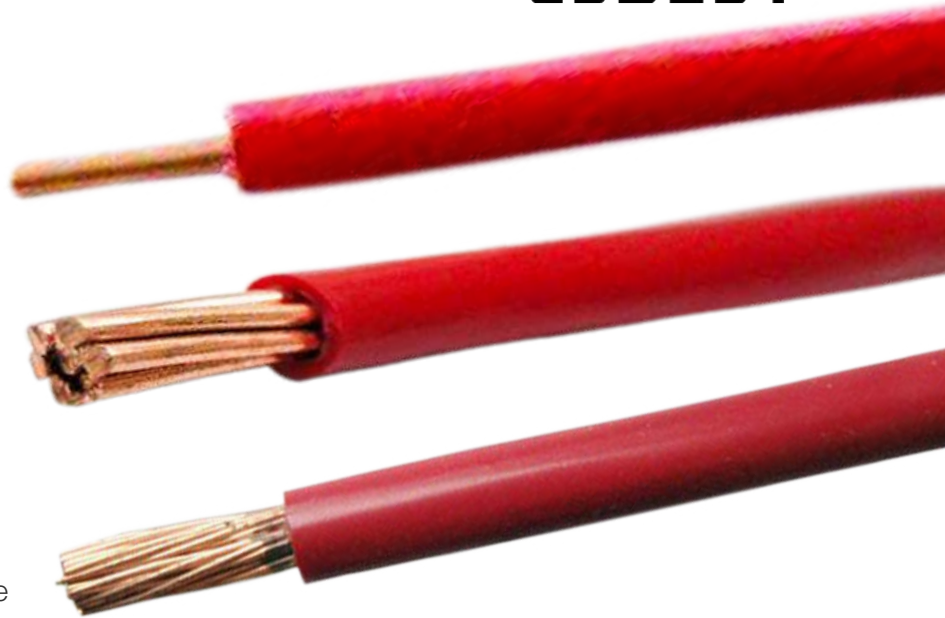
Application

It is suitable for power plant, daily electrical appliances, instruments and telecommunication equipment with rated voltage of 300/500V and below.

Product mix



Conductor	Copper
Insulation	HFFR
Core number	1 core
Cross section area	1.5mm ² -1mm ²



PARTIAL PRODUCT PARAMETERS

H05Z1-U

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	1	0.6	1.9	2.3	0.014
0.75	1	0.6	2.1	2.5	0.013
1	1	0.6	2.2	2.7	0.011

H05Z1-R

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	2	0.6	2.0	2.4	0.014
0.75	2	0.6	2.2	2.6	0.012
1	2	0.6	2.3	2.8	0.011

H05Z1-K

Nominal Cross sectional Area	Class of conductor	Thickness of insulation	Nominal diameter		Min. insulation resistant at rated temperature
			Lower limit	Upper limit	
mm ²	class	mm	mm	mm	MΩ.km
0.5	5	0.6	2.1	2.5	0.013
0.75	5	0.6	2.2	2.7	0.011
1	5	0.6	2.4	2.8	0.010