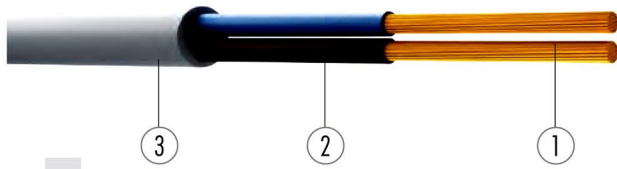


Halogen-Free Cables



Construction

- ① Flexible Copper Conductor
- ② HFFR Insulation
- ③ HFFR Outer Sheath

Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plant, data processing centers, business centers where there is a risk of fire.

Technical Data

Resistance Standart	: TS HD 60228	Test Voltage	: 2kV	Insulator Colour No :	TS HD 308 S2
Insulation Resistance Standart	: TS HD 21.14	Bending Min. Diameter :	6xD	Outer Sheath Standart No :	TS IEC 60502-1
Current Carrying Capacity	: VDE 0100-430	Insulator	: HALOGEN FREE	Working Temperature :	60 °c
Working Voltage	: 300/300V 300/500V	Insulator Standart No :	TS HD 21.15	Flame Test Standart :	TS EN 60332-1-2

Visual Introduction



flexible copper conductor
 thermoplastic polyolefin
 thermoplastic polyolefin
 300/500V
 300/300V
 harmonized standarts

H03/05 Z1Z1-F

DIMENSIONS and WEIGHTS				ELECTRICAL PROPERTIES	
NOMINAL CROSS SECTION	OVERALL DIAMETER(≈)	NET WEIGHT (≈)	STANDART DELIVERY LENGTH	MAX DC CONDUCTOR RESISTANCE AT 20°C	CURRENCY CARRYING CAPACITY
mm ²	mm	kg / km	m	ohm / km	A
2x05*	5.0	40	100	39.00	11
2x0.75	6.2	55	100	26.00	13
2x1.0	6.6	70	100	19.50	15
2x.1.5	7.6	90	100	13.30	20
2x.2.5	9.2	140	100	7.98	26
2x4	10.6	200	100	4.95	33
3x0.5*	5.3	50	100	39.00	11
3x0.75	6.5	75	100	26.00	13
3x1.0	7.2	90	100	19.50	15
3x1.5	8.5	130	100	13.30	20
3x.2.5	9.9	190	100	7.98	26
3x4	11.4	265	100	4.95	33
4x0.5*	5.8	65	100	39.00	11
4x0.75	7.1	90	100	26.00	13
4x1.0	7.8	120	100	19.50	15
4x1.5	9.2	170	100	13.30	20
4x.2.5	10.9	250	100	7.98	26
4x4	12.5	350	100	4.95	33
5x4	14.1	450	100	4.95	33