



H1Z2Z2-K

Installation Cable 1,2/1,8 kV with Cu conductors, HFFR insulated and Sheathed

APPLICATION

Solar cables are intended for use in outdoor applications for the connection between the solar panels and a possible connection from those to the inverter. This type of cables can be used for a long time in extreme hot and cold weather conditions that will meet high mechanical requirements. The cable is ozone-resistant and UV-resistant. It is used in places where human life and valuable materials and equipment need to be protected.

CONSTRUCTION

Conductors : Tinned Class5 acc.to IEC 60228
Insulation : HFFR compound
Bedding : -
Armour : -
Sheath : HFFR compound

TECHNICAL CHARACTERISTICS

CPR Class : Eca
Rated Voltage : 1,2/1,8 kV
Bending Radius : 4xD
Max.conductor Temperature : 90°C
Max.short-circuit Temperature : 250°C

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color :
Any colours available

STANDARD

EN 50618 & IEC 62930



Trade Mark of MXN KABLO SANAYİ ve TİCARET LTD.ŞTİ.

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Nominal Cross-Section	Max Resistance at 20°C	Outer Dia (Approx.)	Cable Weight (Approx.)	Current Capacity In Conduit	Current Capacity In Air
mm ²	Ω/km	mm	kg/km	A	A
1x1,5	13,7	4,50	34	-	-
1x2,5	8,21	4,90	46	-	12
1x4	5,09	5,40	62	11	15
1x6	3,39	6,00	82	14	19
1x10	1,95	6,90	124	19	24
1x16	1,24	8,10	185	26	32
1x25	0,795	9,90	283	34	42
1x35	0,565	11,30	381	46	73
1x50	0,393	13,10	530	46	73
1x70	0,277	14,90	743	46	73
1x95	0,210	16,70	911	46	73
1x120	0,164	18,50	1162	46	73
1x150	0,132	20,60	1446	46	73
1x185	0,108	23,70	1816	46	73
1x240	0,0817	28,40	2497	46	73