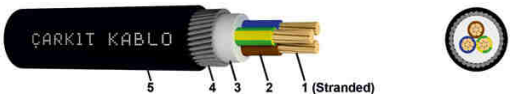
ÇARKIT KABLO SAN. VE TİC. A.Ş.	**TECHNICAL DATA SHEET** **YXZ2V, (N2XRY)** **CU/XLPE/PVC/SWA/PVC** **CABLE**	Date	04.05.2021
		Referans No	
		Total Page	1/2
		Revision No	0
		Revision Date	-

Cable Type : 0,6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMOURED, MULTI-CORE CABLES WITH COPPER CONDUCTORS.



CERTIFICATE/APPROVAL

CE

CABLE DESCRIPTION

CONSTRUCTION		
STANDARD	:	*IEC 60502-1*
(1) *CONDUCTOR*	:	*CLASS 1 & 2 EN 60228* **RE:** *Class 1 solid copper conductor* **RM:** *Class 2 stranded copper conductor*
(2) *INSULATION*	:	*XLPE (Cross-Linked Polyethylene)*
(3) *FILLER*	:	*PVC (Polyvinyl Chloride)*
(4) *ARMOUR*	:	*Galvanized Round Steel Wires*
(5) *SHEATH*	:	*PVC (Polyvinyl Chloride)*
CHARACTERISTICS		
OPERATING TEMPERATURE	:	*-5°C / +90 °C*
MAX. SHORT CIRCUIT TEMPERATURE	:	*250 °C (max. 5 sec.)*
NOMINAL VOLTAGE (Uo/U)	:	*600 / 1000 V*
TEST VOLTAGE	:	*3500 V*
MINIMUM BENDING RADIUS	:	*12 x D* **D** *= Cable Diameter*

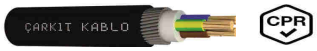
INSULATION COLOR
HD 308 S2

2 core. *: Blue – Brown*	
3 core.*: Green/Yellow – Blue – Brown*	
4 core.*: Green/Yellow – Brown – Black – Grey*	
5 core.*: Green/Yellow – Blue – Brown – Black – Grey*	

SHEATH COLOUR

● *Black*

FLAME RETARDANT
IEC 60332-1-2



APPLICATIONS

These cables have a low dielectric loss, used indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.

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CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	CONDUCTOR TYPE	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	AVARAGE OVERALL DIAMETER	MAX. RESISTANCE at 20°C	CURRENT CARRYING CAPACITY	
							IN GROUND at 20 °C	IN AIR at 30 °C
mm²		mm	mm	mm	mm	Ω/km	A	A
2 x 1,5	RE	1,365	0,60	1,30	12,10	12,10	30	24
2 x 2,5	RE	1,74	0,70	1,40	13,50	7,41	40	32
2 x 4	RE	2,19	0,70	1,40	14,50	4,61	52	42
2 x 6	RE	2,69	0,70	1,40	15,70	3,08	64	53
2 x 10	RM	7/1,34	0,70	1,50	17,50	1,83	86	73
2 x 16	RM	7/1,69	0,70	1,50	20,40	1,15	111	96
3 x 1,5	RE	1,365	0,60	1,30	12,60	12,10	30	24
3 x 2,5	RE	1,74	0,70	1,40	14,10	7,41	40	32
3 x 4	RE	2,19	0,70	1,40	15,20	4,61	52	42
3 x 6	RE	2,69	0,70	1,40	16,50	3,08	64	53
3 x 10	RM	7/1,34	0,70	1,50	19,10	1,83	86	73
3 x 16	RM	7/1,69	0,70	1,60	21,70	1,15	111	96
3 x 25	RM	7/2,19	0,90	1,70	25,70	0,727	143	130
3 x 35	RM	7/2,60	0,90	1,80	28,30	0,524	173	160
3 x 50	RM	10/2,60	1,00	1,80	31,10	0,387	205	195
4 x 1,5	RE	1,365	0,60	1,30	13,30	12,10	30	24
4 x 2,5	RE	1,74	0,70	1,40	15,00	7,41	40	32
4 x 4	RE	2,19	0,70	1,40	16,20	4,61	52	42
4 x 6	RE	2,69	0,70	1,50	18,50	3,08	64	53
4 x 10	RM	7/1,34	0,70	1,50	20,50	1,83	86	73
4 x 16	RM	7/1,69	0,70	1,60	23,30	1,15	111	96
4 x 25	RM	7/2,19	0,90	1,70	27,60	0,727	143	130
4 x 35	RM	7/2,60	0,90	1,80	30,50	0,524	173	160
4 x 50	RM	10/2,60	1,00	1,90	33,80	0,387	205	195
5 x 1,5	RE	1,365	0,60	1,40	14,40	12,10	30	24
5 x 2,5	RE	1,74	0,70	1,40	16,00	7,41	40	32
5 x 4	RE	2,19	0,70	1,50	17,50	4,61	52	42
5 x 6	RE	2,69	0,70	1,50	19,90	3,08	64	53
5 x 10	RM	7/1,34	0,70	1,60	22,20	1,83	86	73
5 x 16	RM	7/1,69	0,70	1,70	26,40	1,15	111	96
5 x 25	RM	7/2,19	0,90	1,80	30,10	0,727	143	130
5 x 35	RM	7/2,60	0,90	1,90	33,30	0,524	173	160
5 x 50	RM	10/2,60	1,00	2,00	38,20	0,387	205	195

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

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