



ÇARKIT KABLO
SAN. VE TİC. A.Ş.

TECHNICAL DATA SHEET A05VV-F (60227 IEC 71c) CABLE

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Cable Type : FLEXIBLE CABLES WITH THERMOPLASTIC PVC INSULATION



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION

STANDARD	:	IEC 60227-6
(1) CONDUCTOR	:	Class 5 flexible copper conductor according to EN 60228
(2) INSULATION	:	PVC (Polyvinyl Chloride)
(3) FILLER	:	PVC (Polyvinyl Chloride)
(4) SHEATH	:	PVC (Polyvinyl Chloride)

CHARACTERISTICS

OPERATING TEMPERATURE	:	-5°C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	:	160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	:	450 / 750 V
TEST VOLTAGE	:	2500 V
MINIMUM BENDING RADIUS	:	8 x D D: Cable Diameter

FLAME RETARDANT

IEC 60332-1-2



APPLICATIONS

Used cable ducts and underground, interior and exterior applications that there are not much mechanical compulsion.



Factory Address: Hacı Eyüplü Mah. Akça cad. 151/A Merkezefendi Denizli TURKEY
Tel: +90 258 3720110 (pbx) Fax: +90 258 3711393
Office Address: Perpa Ticaret Merkezi 8. Kat A Blok No: 914 Şişli İstanbul TURKEY
Tel: +90 212 2105079 +90 212 2105092 Fax: +90 212 2105075

www.carkitkablo.com



CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	NOMINAL OVERALL DIAMETER	MAX. RESISTANCE at 20°C	MINIMUM INSULATION RESISTANCE AT RATED TEMPERATURE
mm ²	mm	mm	mm	mm	Ω/km	mΩ.km
2 x 6	75/0,30	0,80	1,30	12,60	3,30	0,0060
2 x 10	74/0,40	1,00	1,30	15,10	1,91	0,0056
2 x 16	116/0,40	1,00	1,60	18,20	1,21	0,0046
2 x 25	180/0,40	1,20	2,00	23,00	0,780	0,0044
3 x 6	75/0,30	0,80	1,30	13,30	3,30	0,0060
3 x 10	74/0,40	1,00	1,30	16,40	1,91	0,0056
3 x 16	116/0,40	1,00	1,60	19,70	1,21	0,0046
3 x 25	180/0,40	1,20	2,00	24,40	0,780	0,0044
4 x 6	75/0,30	0,80	1,30	14,50	3,30	0,0060
4 x 10	74/0,40	1,00	1,60	18,70	1,91	0,0056
4 x 16	116/0,40	1,00	1,60	21,20	1,21	0,0046
4 x 25	180/0,40	1,20	2,40	27,80	0,780	0,0044
5 x 6	75/0,30	0,80	1,30	16,00	3,30	0,0060
5 x 10	74/0,40	1,00	1,60	20,20	1,91	0,0056
5 x 16	116/0,40	1,00	2,00	24,50	1,21	0,0046
5 x 25	180/0,40	1,20	2,40	30,30	0,780	0,0044

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

