

TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.

Wire 1 x 1 (N)YAF				
P.V.C - insulated ,non Sheathed,Single-Core Cable with Flexible Conductor For internal Wiring, 300/500 V ACC.INSO(607)06				
Cable Layer Construction		CU , PVC		LV
Applicable Standard(s)		IEC 60227 & INSO 607 & DIN VDE 0271 & IEC 60228		
Description			Unit	Specification
CONDUCTOR	CU	Material	****	Plain Annealed Copper
		TYPE	****	Flexible (Class 5) RF
		No.of core & Conductor Area	mm ²	1 x 1
		No & Dia of Strand	no * mm	32 x 0.19
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness Phase	mm	0.6
		Colour	****	Request
Overall diameter (Approx.)			mm	2.46
Cable Weight (Approx.)			Kg/ km	13.60
Packing			****	Drum
Rated Voltage U0/U (Um)			V	300 / 500
System Frequency			Hz	50
DC conductor resistant At 20 °C			Ω/ Km	19.487
Short circuit withstand current / time5s			KA	0.1
Cable Voltage test			KV	2.5
Max.Short circuit withstand current temperature			°C	+ 160
OPeration temperature			°C	- 30 to +70
Special Proerties			Flame Retardant	IEC 60332-1-2
(افشارنژاد) KHORASAN ELECTRIC IND.CO INSO(607)06 6950954946 H05V-K 300/500V 1x1 mm2 RF MADE IN IRAN CE				

CU Copper	PET Polyester Tape	CWC+CT Concentric Copper Wire Conductor+Copper Tape
TiCu Tinned Copper	Al-PET Aluminum Polyester Tape	CWS+CT Concentric Copper Wire Screen+Copper Tape
MGT Mica Glass Tape	CU-PET Copper Polyester Tape	SWA Steel Wire Armour
PVC Polyvinyl Chloride	TDW Tinned Drain Wire	SWB Steel Wire Braid
PE Polyethylene	CWB Copper Wire Braid	DTA Double Tape Armour
XLPE Cross Linked Polyethylene	TCWB Tinned Copper Wire Braid	LSPVC Low Smoke PVC
SR Silicone Rubber	OSCR Overall Screen	LSFOH Low Smoke Free Of Halogen