



TECHNICAL SPECIFICATION



Khorasan Electric Ind. Co.



Control Cable 7 x 1.5 (N)YSLY

P.V.C - insulated & Sheathed, Multi-Core Cable with Flexible Conductor Type NYSLY, 300/500 V ACC(IEC 60227-7)

Cable Layer Construction	CU , PVC , PET , PVC			LV
Applicable Standard(s)	IEC 60227 & IEC 60228			
Description		Unit	Specification	
CONDUCTOR	CU	Material	****	Plain Annealed Copper
		TYPE	****	Flexible (Class 5) RF
		No.of core & Conductor Area	no (mm ²)	7 x 1.5
		No & Dia of Conductor's Wire	no (mm)	30 x 0.24
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness	mm	0.7
		Colour	6 Wire White with Black Number +1 Wire Y/G	
Core wrap	PET	Wrapping Tape Material	****	Polyester
		Thickness	mm	0.036
Outer Sheath	PVC	Material	****	Extruded PVC
		Thickness	mm	1.2
		Colour	****	Black
Overall diameter (Approx.)		mm	12.3	
Cable Weight (Approx.)		Kg / km	220	
Packing		****	Drum	
Rated Voltage Uo/U (Um)		V	300 / 500	
System Frequency		Hz	50	
DC conductor resistant At 20 °C		Ω/ Km	13.30	
Test voltage		KV	2	
Max.Short circuit withstand current temperature		°C	+ 160	
Operation temperature		°C	- 30 to +70	
Special Proerties		Flame Retardant	IEC 60332-1	
(افشار نژاد) KHORASAN ELECTRIC IND.CO H05VV-F IEC 60227-7 300/500 V NYSLY 7x1.5 mm2 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