



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co



Cable 2 × 2 × 0.8 KNX					
Manufacturer name		Smart System			
Cable Layer Construction		CU / PE / ISCR / OSCR / PVC			
Standard Matching		EN 50090			
DATA	Description		Unit	Particulars	
CU	Conductor	Material	****	Annelead Copper	
		Conductor Type		Solid (class 1) RE	
		No: Dia of Wire	no * mm	1 x 0.8	
		No Of Core		4	
		Shape	****	Round	
PE	Insulation	Material	****	Polyethylene	
		Nominal Thickness	mm	0.3	
		Colour		Black,Red-White, Yellow	
ISCR	For each pair twisted	Pet - Tape	****	Polyester Tape	
			Nominal Thickness	mm	0.036
		Drin Wire	****	Tin Copper wire	
			No; Dia of Wire	mm	0.4
		AL - Tape	****	Aluminium Tape	
			Nominal Thickness	mm	0.036
OSCR		Pet - Tape	****	Polyester Tape	
			Nominal Thickness	mm	0.036
		Drin Wire	****	Tin Copper wire	
			No; Dia of Wire	mm	0.4
		AL - Tape	****	Aluminium Tape	
			Nominal Thickness	mm	0.036
PVC	Outer Sheath	Material	****	Extruded PVC	
		Nominal Thickness	mm	1.2	
		Color	****	Green	
Approx. overall diameter of cable			mm	7.9	
Approx. Weight of cable			Kg/km	68	
Packing			****	Drum & Ring	
System Frequency			Hz	50	
Working Voltage			V	300	
Voltage test			KV	2.5	
Max . Conductor resistance			Ω / Km	36.6	
Working temperature			°C	- 30 to +70	
Marking : (افشارزاد) KHORASAN ELECTRIC IND. CO 300/300V PIMF 2x2x0.8 mm KNX Cable MADE IN IRAN					