



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Cable 1 x 50 (N)YRY

Cable Layer Construction	CU , PVC , PVC , AWA , PET-Tape , PVC	LV
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Applicable Standard(s)	IEC 60502-1 & ISIRI 3569-1 & ISIRI 3084
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Description

Unit

Specification

Conductor	Material	****	Plain Annealed Copper
	Type	****	Stranded (Class 2) (RM)
	Nominal Cross Section	mm ²	1 x 50
	Number & Dia of Wire	no x mm	19 x 1.75
	Shape	****	Round
Insulation	Material	****	Extruded PVC
	Thickness	mm	1.4
	Colour	****	Black
Bedding	Material	****	Extruded PVC
	Thickness	mm	1.2
Armoured	Material	****	Aluminium Wire
	Number & Dia of Wire	mm	36 x 1.25
Core Wrap	Material	****	Polyester Tape
Outer Sheath	Material	****	Extruded PVC
	Thickness	mm	1.8
	Colour	****	Black

Approx. overall diameter of cable	mm	20.50
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Approx. Weight of cable	Kg/km	860
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Packing	****	Drum
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Rated Voltage U ₀ /U (Um)	Kv	0.6/1 (1.2)
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System Frequency	Hz	50
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DC conductor resistant At 20 °C	Ω/ Km	0.3870
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Cable Voltage test	KV	4
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Max.Short circuit withstand current temperature	°C	+ 160
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Operation system	°C	-30 to +70
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KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NYRY 1x50 mm2 RM MADE IN IRAN CE