


Rep	Component description	Features	
1	<p><u>Conductor</u> Tinned copper wire acc.to IEC60228 Cl.5</p>	<p><u>Standard</u> IEC60228 for conductor IEC 60811-2-1 for oil resistance IEC 60811-2-1 for ozone resistance IEC 60754-1 for gas emission during combustion IEC60332-1 for flame retardant</p> <p><u>Electric Characteristic</u> Conductor resistance < 1.24 Ohm/km (16sqmm) < 8.21 Ohm/km (2.5sqmm) Working voltage is 600/1000V Testing voltage is 4000V</p> <p><u>General Characteristic</u> Short circuit temperature 250°C Maximum working temperature 90°C Ambient temperature -30°C up to 80°C(mobile condition) Bending radius < 215mm</p> <p>Nominal outer diameter 42.2mm(Max. 44.8mm)</p> <p><u>Cable Marking</u> LAPP KABEL REEL PUR HF 40G4 ROHS 0000M RV</p>	
2	<p><u>Insulation</u> EPR compound 3GI3 quality</p>		
3	<p><u>Central filler</u> KEVLAR textile Separator Tape</p>		
4	<p><u>Inner sheath</u> Halogen free polyurethane</p>		
5	<p><u>Anti-torsional element</u> Polyester textile braiding</p>		
6	<p><u>Outer sheath</u> Halogen free polyurethane</p>		
Document date		signature	Revised number
25.September'14			2

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