


Rep	Component description	Features	
1	<u>Conductor (1st)</u> Tinned copper wire acc.to IEC60228 Cl.5	<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 <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 <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 < 165mm Nominal outer diameter 32.8mm(Max. 35.1mm) <u>Cable Marking</u> LAPP KABEL REEL PUR HF 4G16+25x2.5 ROHS 0000M RV	
2	<u>Insulation (1st)</u> EPR compound 3GI3 quality		
3	<u>Conductor (2nd)</u> Tinned copper wire acc.to IEC60228 Cl.5		
4	<u>Insulation (2nd)</u> Special insulating compound		
5	<u>Central filler</u> KEVLAR textile Separator Tape		
6	<u>Inner sheath</u> Halogen free polyurethane		
7	<u>Anti-torsional element</u> Polyester textile braiding		
8	<u>Outer sheath</u> Halogen free polyurethane		
Document date		signature	Revised number
25.September'14			2

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