



H07V-R



CONSTRUCTION

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|------------|--------------------------------------------------------|------------------|
| CONDUCTOR | Stranded Annealed Copper Conductor (IEC 60228-Class 2) | |
| INSULATION | PVC Compound | T11 (EN 50363-3) |

PHYSICAL&ELECTRICAL CHARACTERISTICS

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|-------------------------------------------------|-----------------|
| MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT | 160°C |
| NOMINAL VOLTAGE | 450/750 V |
| TEST VOLTAGE | 2000 V |
| OPERATING TEMPERATURE | -30°C ... +70°C |
| MINIMUM BENDING RADIUS | 12 X D |

FIRE PERFORMANCE CHARACTERISTICS

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| FLAME RETARDANT | IEC 60332-1 |
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OTHER CHARACTERISTICS

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|------------------|-------------------------|
| UV RESISTANCE | ISO 4892-2 / ISO 4892-3 |
| WATER RESISTANCE | AD7 |

DIMENSIONS

| Number of Core and Cross Section Area (mm ²) | Approx. Overall Diameter (mm) (±5%) | Approx. Cable Weight (kg/km) | Max. Conductor Resistance DC at 20°C (Ohm/km) |
|----------------------------------------------------------|-------------------------------------|------------------------------|-----------------------------------------------|
| 1 x 120 | 16,40 | 1161 | 0,153 |
| 1 x 150 | 18,20 | 1436 | 0,124 |
| 1 x 300 | 26,10 | 2926 | 0,0601 |
| 1 x 500 | 34,00 | 4798 | 0,0366 |
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