



UL 3578 105°C 600V VW-1 (Copy)

Single core 6,0mm²

- | | |
|--------------------|-------------------------------------|
| • Conductor: | 84 x 0,30 mm blank (copper strands) |
| • Core insulation: | XL-PE 4,9 +/- 0,2 mm |
| • Core color: | black sim. RAL 9005, semi-gloss |
| • Printing: | according to UL |
| • Cable weight: | 70 kg/km |

Mechanical values:

For fixed installation, limited flexible using

- Bending radius: $\geq 7,5 \times \text{Cable diameter (fixed)}$
 $\geq 15 \times \text{Cable diameter (moved)}$

Flame resistance:

- UL 758/1581/2556 (Horizontal, VW-1)
- DIN EN 60332-2-2 (20 sec.)

Flame resistance:

- Fixed: - 40°C bis + 105°C
- Moved: - 25°C bis + 105°C

Electrical vallues:

- Nominal voltage: 600 V AC
- Testing voltage: 6000 V AC (Sparktest online)
- Conductor resistance: max. 3,5 Ω /km (20°C)
- Insulation resistance: min. 100 M Ω x km (20°C)

Additional:

Cable

- halogenfree according to DIN VDE 0472 Teil 815 und DIN EN 60754-1
- PWIS-, CFC-, PVC and siliconfree
- oil resistant according to DIN EN 60811-404 (168h 100°C)
- oil. and fuel resistant
- Smoke density according to DIN EN 61034 (transmission/light transmittance $\geq 60\%$)
- Corrosivity of the fire gases according to IEC 60754-2 and DIN EN 50267-2-2 (measurement of pH value + electrical conductivity)
- FRNC
- UV-, oxygen-, ozone- and weather resistant (color may fade)
- Generally good chemical resistance

Article number: UL35786010

* when used as intended

** when bent carefully

-
- Further formats available on request
 - All data and products subject to change