

LONWorks™

DataGuard® (SWA) 400Series 1x2x16awg 600 Volts



Cable Design *1x2x16awg*

| | |
|---------------------|---|
| Conductor | Stranded tinned copper wire (19/0,30mm) |
| AWG | 16 |
| Insulation | LSZH FireFighter® |
| Formation | 2 cores twisted to a pair |
| Pair identification | Black - White |
| Inner Jacket | LSZH FireFighter® |
| Diameter | 6,70 ± 0,10 mm |
| Colour | Grey |
| Armour | DataGuard® Steel Wire Armour (DSWA) |
| Outer Jacket | LSZH FireFighter® |
| Diameter | 10,76 ± 0,10 mm |
| Colour | Black |

Specification

| Part Number | Construction | Overall Diameter (mm) |
|-------------|----------------|-----------------------|
| 144001P1644 | 1 x 2 x 16 awg | 10,76 |

Standards

| | |
|-----------------|---|
| Flame Retardant | acc. to IEC 60332-1 flame resistance for single cables |
| Flame Retardant | acc. to IEC 60332-3 flame resistance for bunched cables |
| Halogen Free | acc. to IEC 60754 series |
| Smoke Emission | acc. to IEC 61034 series |

Electrical Characteristics

| | |
|--------------------------------|-------------------|
| Capacitance (nom.) | 66,2 pF/m |
| Conductor DC Resistance (nom.) | 13,6 Ohm/km |
| Inductance (nom.) | 0,56 µH/m |
| Voltage Rating | 600 V |
| Test Voltage core/core | 2000 V dc x 1min. |

