

FOUNDATION™ Fieldbus



Cable characteristics:




- Flame retardant
- Sunlight resistant
- Oil resistant
- Cold resistant
- Flexible installation
- Permanent installation
- Outdoor cable
- Silicon free
- Compliant acc. to 2011/65/EC (RoHS 2)



Using our **product finder** you can find appropriate solutions for your application.

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www.fieldbus.org

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| FOUNDATION™ Fieldbus | FOUNDATION™ Fieldbus | FOUNDATION™ Fieldbus | |
| Cable for flexible installation indoor or outdoor, (2+1)x19AWG, UL listed: CMG and CL3 | EMC cable for permanent installation indoor or outdoor with high electromagnetic compatibility, 2x19AWG, UL listed: CMG and PLTC | Cable for flexible installation indoor or outdoor, 2x19AWG, UL listed: CMG and CL3 | Application |
| Wire LIY 0.8/2.0 Stranded bare copper wire 41x0.16 mm (0.006 in), Ø 1.17 mm (0.046 in), insulation of PVC Ø 2.0 mm (0.079 in) | Wire LIY 0.8/2.0 Stranded bare copper wire 41x0.16 mm (0.006 in), Ø 1.17 mm (0.046 in), insulation of PVC Ø 2.0 mm (0.079 in) | Stranded bare copper wire 37x0.17 mm (0.007 in), Ø 1.17 mm (0.046 in), insulation of cross-linked PE Ø 2.85 mm (0.112 in) | Conductor |
| Screened pair 2X(ST) Stranded bare copper wire 37x0.17 mm (0.007 in), Ø 1.17 mm (0.046 in), insulation of cross-linked PE Ø 2.85 mm (0.112 in), 2 wires twisted to a pair | Screened pair 2X(ST) Stranded bare copper wire 37x0.17 mm (0.007 in), Ø 1.17 mm (0.046 in), insulation of cross-linked PE Ø 2.85 mm (0.112 in), 2 wires twisted to a pair | | |
| 1 screened pair, 1 wire | 1 screened pair, 1 wire Inner jacket: PVC | 2 wires twisted to a pair | Core |
| Alulaminat foil overlapped, shield braiding of tinned copper wires Ø 0.15 mm (0.006 in), stranded tinned copper drain wire 0.5 mm ² (0.020 square in) | Alulaminat foil overlapped, copper tape longitudinal welded and spiral corrugated, stranded tinned copper drain wire 0.5 mm ² (0.020 square in) | Alulaminat foil overlapped, shield braiding of tinned copper wires Ø 0.1 mm (0.004 in), stranded tinned copper drain wire 0.5 mm ² (0.020 square in) | Shield |
| PVC yellow Ø 7.9 ± 0.3 mm (0.311 ± 0.012 in) | PVC yellow Ø 12.3 ± 0.3 mm (0.484 ± 0.012 in) | PVC yellow Ø 7.9 ± 0.3 mm (0.311 ± 0.012 in) | Jacket |
| Flame retardant acc. to UL 1685 (CSA FT 4), oil resistant acc. to UL 13 Sec. 40 (60°C, 140°F), sunlight resistant acc. to UL 2556 Sec. 4.2.8.5, UL-File E119100 Vol. 1 Sec. 24 Page 3, UL-File E116441 Vol. 1 Sec. 15 Page 3 | Flame retardant acc. to UL 1685 (CSA FT 4) and IEC 60332-3-24, oil resistant acc. to UL 13 Sec. 40 (60°C, 140°F), sunlight resistant acc. to UL 2556 Sec. 4.2.8.5, UL-File E119100 Vol. 1 Sec. 24 Page 4, UL-File E116441 Vol. 1 Sec. 15 Page 4 | Flame retardant acc. to UL 1685 (CSA FT 4), oil resistant acc. to UL 13 Sec. 40 (60°C, 140°F), sunlight resistant acc. to UL 2556 Sec. 4.2.8.5, UL-File E119100 Vol. 1 Sec. 24 Page 2, UL-File E116441 Vol. 1 Sec. 15 Page 2 | Characteristics |
| 2X(ST) 1x2x1.1/2.85-100 LI LIY-J(ST)CY 1x0.8 YE OE FR | 2X(ST) 1x2x1.1/2.85-100 LI LIY-J(ST)YWKY 1x0.8 YE OE FR | 2X(ST)CY 1x2x1.1/2.85-100 LI YE OE FR | Type designation |
| L45467-J218-W5 | L45467-J218-W15 | L45467-J18-B5 | Order number |