

## Product datasheet

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# 9505NH

24 AWG (7\*32) Tinned copper, Pe insulated 5 twisted pairs, overall Beldfoil-Polyester shield with a shorting fold, 24 AWG stranded tinned copper drain wire, LSNH jacket.

|  |   |        |
|--|---|--------|
| Nom. insulation Thickness                            | <b>0.25</b>                             | mm     |
| Nom. diameter over insulation                        | <b>1.12</b>                             | mm     |
| Nom. Jacket thickness                                | <b>0.89</b>                             | mm     |
| Nom. outer diameter                                  | <b>7.50</b>                             | mm     |
| Max. operating voltage                               | <b>300</b>                              | V Rms  |
| Max. Continuous current per conductor @ 25 deg. C    | <b>2.2</b>                              | A      |
| Nom. Capacitance between conductors of a pair @ 1kHz | <b>98</b>                               | nF/km  |
| Nom. capacitance conductor to shield @ 1 kHz         | <b>164</b>                              | nF/km  |
| Nom. Conductor DC resistance @ 20 Deg. C             | <b>82.0</b>                             | Ohm/km |
| Nom. Shield DC resistance @ 20 Deg. C                | <b>55.8</b>                             | Ohm/km |
| Velocity of propagation                              | <b>60</b>                               | %      |
| Temperature rating                                   | <b>-15 to +80</b>                       | Deg. C |
| Insulation material                                  | <b>PE</b>                               |        |
| Jacket material (color)                              | <b>LSNH (Chrome RAL 7037)</b>           |        |
| Type shield and % coverage                           | <b>Aluminium-Polyester 100%</b>         |        |
| Max. pulling tension                                 | <b>250</b>                              | N      |
| Min. bend radius                                     | <b>76</b>                               | mm     |
| Applicable specifications                            | <b>BS7655 Section 6.1 Table 1 LTS 3</b> |        |
| Flame resistance                                     | <b>IEC 332-3-C</b>                      |        |

Black & Red / Black & White / Black & Green / Black & Blue / Black & Yellow

Instrumentation and computer cables for EIA RS-232 Data transmission Applications (Label contains Ce Marking)