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| **M27500 Part Information** |
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|   | Part Number Construction |
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| *Typical Part Number* |
| M27500 | - | 22 | SD | 3 | T | 23 |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |

 |
|   | **1** | Specification Number |
|   | **2** | [*Table 1*:  Identification method and shield coverage](#table1) |
|   | **3** | Conductor Size |
|   | **4** | [*Table 2*: Basic wire specifications](#table2) |
|   | **5** | Number of conductors |
|   | **6** | [*Table 3*:  Shield style](#table3) |
|   | **7** | [*Table 4*:  Jacket style](#table4) |

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|   | **Table 1: Identification Method** |
|   | ***When an unshielded cable, or a cable with a minimum shield coverage of 85% is required, specify:*** |
|   | **Code** | **Description** |
|   | **-** | Standard Stripes with 85% Shield |
|   | **F** | Special Stripes with 85% Shield |
|   | **A** | Standard Solids with 85% Shield |
|   | **G** | Special Solids with 85% Shield |
|   | **B** | Band Marking with 85% Shield |
|   | **K** | Printed Numbers with 85% Shield |
|   | **L** | Printed Numbers with 85% Shield |
|   | **P** | Band Marking and Stripes with 85% Shield |
|   | **S** | Color Bands with 85% Shield |
|   | **U** | Custom Color per Customer with 85% Shield |
|   |   |   |
|   | ***When a minimum shield coverage of 90% is required, specify:*** |
|   | **C** | Standard Stripes with 90% Shield |
|   | **H** | Special Stripes with 90% Shield |
|   | **D** | Standard Solids with 90% Shield |
|   | **J** | Special Solids with 90% Shield |
|   | **E** | Band Marking with 90% Shield |
|   | **M** | Printed Numbers with 90% Shield |
|   | **N** | Printed Numbers with 90% Shield |
|   | **R** | Band Marking and Stripes with 90% Shield |
|   | **T** | Color Bands with 90% Shield |
|   | **V** | Customer Color per Customer with 90% Shield |
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|   | **Table 2: Basic Wire Description** |
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| **CA** | M22759/13 |
| **CB** | M22759/14 |
| **CC** | M22759/15 |
| **E** | M22759/2 |
| **EA** | M22759/1 |
| **JA** | M25038/1 |
| **JB** | M22759/28 |
| **JC** | M22759/29 |
| **JD** | M22759/30 |
| **JE** | M22759/31 |
| **JF** | M25038/3 |
| **LE** | M22759/9 |
| **LH** | M22759/10 |
| **ME** | M81044/6 |
| **MH** | M81044/9 |
| **MJ** | M81044/10 |
| **ML** | M81044/12 |
| **MM** | M81044/13 |
| **MR** | M81381/7 |
| **MS** | M81381/8 |
| **MT** | M81381/9 |
| **MV** | M81381/10 |
| **MW** | M81381/11 |
| **MY** | M81381/12 |
| **NA** | M81381/13 |
| **NB** | M81381/14 |
| **NE** | M81381/17 |
| **NF** | M81381/18 |
| **NG** | M81381/19 |
| **NH** | M81381/20 |
| **NK** | M81381/21 |
| **NL** | M81381/22 |
| **RA** | M22759/3 |
| **RB** | M22759/4 |
| **RC** | M22759/11 |
| **RE** | M22759/12 |
| **SA** | M22759/7 |
| **SB** | M22759/32 |
| **SC** | M22759/33 |
| **SD** | M22759/34 |
| **SE** | M22759/35 |
| **SM** | M22759/41 |
| **SN** | M22759/42 |
| **SP** | M22759/43 |
| **SR** | M22759/44 |
| **SS** | M22759/45 |
| **ST** | M22759/46 |
| **TA** | M22759/8 |
| **TE** | M22759/16 |
| **TF** | M22759/17 |
| **TG** | M22759/18 |
| **TH** | M22759/19 |
| **TK** | M22759/20 |
| **TL** | M22759/21 |
| **TM** | M22759/22 |
| **TN** | M22759/23 |
| **VA** | M22759/5 |
| **WA** | M22759/6 |
| **WB** | M22759/80 |
| **WC** | M22759/81 |
| **WE** | M22759/82 |
| **WJ** | M22759/86 |
| **WK** | M22759/87 |
| **WL** | M22759/88 |
| **WM** | M22759/89 |
| **WN** | M22759/90 |
| **WP** | M22759/91 |
| **WR** | M22759/92 |

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| **Table 3:  Shield Description** |
| **Single Shield** | **Material** | **Double Shield** | **Shield Material** | **Temperature Rating** |
| **U** | No Shield | **---** | No Shield |  |
| **T** | Single Tin-coated copper, round | **V** | Double Tin-coated copper, round | 150°C |
| **S** | Single Silver-coated copper, round | **W** | Double Silver-coated copper, round | 200°C |
| **N** | Single Nickel-coated copper, round | **Y** | Double Nickel-coated copper, round | 260°C |
| **F** | Single Stainless Steel, round | **Z** | Double Stainless Steel, round | 400°C |
| **C** | Single Nickel-clad copper, round | **R** | Double Nickel-clad copper, round | 400°C |
| **M** | Single Silver-coated HSCA, round | **K** | Double Silver-coated HSCA, round | 200°C |
| **P** | Single Nickel-coated HSCA,round | **L** | Double Nickel-coated HSCA,round | 260°C |
| **G** | Single Silver-coated copper, flat | **A** | Double Silver-coated copper, flat | 200°C |
| **H** | Single Silver-coated HSCA, flat | **B** | Double Silver-coated HSCA, flat | 200°C |
| **\*** | Single Nickel-coated copper, flat | **#** | Double Nickel-coated copper, flat | 260°C |
| **J** | Single Tin-coated copper, flat | **D** | Double Tin-coated copper, flat | 150°C |
| **E** | Single Nickel-coated HSCA, flat | **X** | Double Nickel-coated HSCA, flat | 260°C |
| **I** | Single Nickel-chromium alloy, flat | **Q** | Double Nickel-chromium alloy, flat | 400°C |

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| **Table 4:  Jacket Styles** |
| **Single Jacket** | **Double Jacket** | **Jacket Material** | **Temperature Rating** |
| 0 | 0 | No Jacket |  |
| 1 | 51 | Extruded white PVC | 90°C |
| 2 | 52 | Extruded clear polyamide | 105°C |
| 3 | 53 | White polyamide braid impregnated with clear polyamide finisher over a polyester tape | 105°C |
| 4 | 54 | Polyester braid impregnated with high temperature finishers over polyester tape | 150°C |
| 5 | 55 | Extruded clear FEP | 200°C |
| 6 | 56 | Extruded or taped and heat sealed white PTFE | 260°C |
| 7 | 57 | White PTFE treated glass braid impregnated and coated with PTFE finisher over presintered PTFE tape | 260°C |
| 8 | 58 | Cross linked white extruded PVF2 | 150°C |
| 9 | 59 | Extruded white FEP | 200°C |
| 10 | 60 | Extruded clear PVF2 | 125°C |
| 11 | 61 | Tape of natural polyimide combined with FEP wrapped and heat sealed with polyimide outer surface | 200°C |
| 12 | 62 | Tape of natural polyimide combined with FEP wrapped and heat sealed with polyimide outer surface | 200°C |
| 14 | 64 | Extruded white ETFE | 150°C |
| 15 | 65 | Extruded clear ETFE | 150°C |
| 16 | 66 | Braid of aromatic polyamide with high temperature finisher over presintered PTFE tape | 200°C |
| 17 | 67 | White extruded ECTFE | 150°C |
| 18 | 68 | Clear extruded ECTFE | 150°C |
| 20 | 70 | Extruded white PFA | 260°C |
| 21 | 71 | Extruded clear PFA | 260°C |
| 22 | 72 | Tape of polyimide combined with clear FEP wrapped and heat sealed with opaque polyimide outer surface | 200°C |
| 23 | 73 | White, crosslinked, extruded, modified, ETFE (XL-ETFE) | 200°C |
| 24 | 74 | Tape layer of white PTFE wrapped over a tape layer of nautral polyimide combined with FEP heated and fused | 260°C |

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