

Product: **D25222P**

2 Pr 22 AWG Shielded 120  $\Omega$  CMP RS-485/ RS-232/ OSDP Readers



| CONDUCTOR PARAMETERS          |                                           |
|-------------------------------|-------------------------------------------|
| No. of Conductors             | 2                                         |
| AWG Size                      | 22 AWG                                    |
| Conductor Stranding           | 7x30                                      |
| Conductor Type                | Tinned Copper                             |
| Nom. DCR                      | 17 $\Omega$ /1000 ft                      |
| INSULATION PARAMETERS         |                                           |
| Insulation Type               | Plenum PVC                                |
| Insulation Thickness          | .023 in                                   |
| Insulation Color Code         | Green, White, Brown, Blue                 |
| SHIELDING PARAMETERS          |                                           |
| Shield Type                   | 100% Aluminium Foil Shield - 24 AWG Drain |
| ELECTRICAL CHARACTERISTICS    |                                           |
| Nom. Cap. Between Conductors  | 13.5 pf/ft                                |
| Nom. Cap. Conductor to Shield | 25 pf/ft                                  |
| Nom. Impedance                | 120 $\Omega$                              |

| OVERALL CONSTRUCTION PARAMETERS |                 |
|---------------------------------|-----------------|
| Total No. of Conductors         | 4 2-Pair        |
| Internal Jacket Type            | Flex Plenum PVC |
| Jacket Thickness                | .016 in         |
| Internal Nom. Cable O.D.        | .292 in         |
| Plenum                          | Yes             |
| NEC UL Rating                   | CMP             |
| RoHS Compliant                  | Yes             |
| Bend Radius                     | 1.9 in          |
| Pull Tension                    | 58 lbs          |
| Cable Weight                    | 27 lbs          |

| OVERALL ELECTRICAL CHARACTERISTICS |                 |
|------------------------------------|-----------------|
| UL Flammability                    | NFPA 262 Plenum |
| Operating Range                    | -0 to 75° C     |
| UL Voltage Rating                  | 300V            |