- Can be used with IDC mass termination connectors
- Can be used in applications requiring standard impedance of $100 \Omega$ balanced (differential)
- CL2 rated, rugged design and high reliability for peripheral applications
- Solid pleated copper foil provides flexibility and 35 db average shielding effectiveness
- See Regulatory Information Appendix (RIA) for chemical compliance information (RIA E1 \& C1 apply)


## Physical

$$
\begin{aligned}
\text { Jacket Material: } & \text { Polyvinyl Chloride (PVC) Color: Gray } \\
\text { Primary Material: } & \text { Thermoplastic Elastomer (TPE) Color: Natural } \\
\text { Marking: } & \\
\text { Standard: } & (\mathrm{UL}) \text { CL2 } 75 \mathrm{C} 28 \text { AWG } 3 \mathrm{M} \mathrm{NU} \mathrm{C} \boldsymbol{T} \text { AWM IIA/B 80C } 150 \mathrm{~V} \text { FT1 EU <50V } \\
\text { Conductors: } & 28 \text { AWG, } 7 \times 36 \text { AWG [ } 7 \times \emptyset 0.127 \text { ] Tinned Stranded Copper } \\
\text { Shielding: } & \text { Solid, Pleated, Copper Foil }
\end{aligned}
$$

## Electrical

| Voltage Rating: | USA: N.E.C. $725, \mathrm{CL} 2$ | Canada: 150 V | $\mathrm{EU}:<50 \mathrm{~V}$ |
| ---: | :--- | :--- | :--- |
| Insulation Resistance: | (Primary Cable) $>1 \times 10^{10} \Omega / 10 \mathrm{ft} .[3 \mathrm{~m}]$ |  |  |
| Characteristic Impedance: | Unbalanced | Balanced <br>  <br>  <br> Capacitance: | $28 \Omega$ |

Note: Unbalanced is measured between ground-signal-ground conductors with shield grounded. Balanced is measured between signal conductors within a pair with the shield floating.

## Environmental

Temperature Rating: USA: CL2: $75^{\circ} \mathrm{C}$
Flammability Rating: USA: N.E.C. 725, CL2

Canada: $80^{\circ} \mathrm{C}$
Canada: FT1

UL File No.: E118773, Power Limited Circuit Cable: CL2

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| :--- | ---: |
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