1.0 Scope
1.1 This cable consists of 4 pair solid bare copper; color-coded Fluorinated Ethylene Propylene (FEP) insulation; inner FEP and PVC jacket, Continuously Corrugated Welded (CCW) Armor and outer PVC jacket. RoHS-2 Compliant, Sunlight Resistant, Direct Burial. Suitable for Class 1 Div 1, Class 2 Div 1 and Class 2 Div 2 installations
UL2250 Listed Type ITC 300V
UL2225 Listed Type ITC-HL 300V for use in Class 1 Div 1 Hazardous locations.

2.0 Construction
2.1 Conductor
2.1.1 Material: Bare Copper
2.1.2 Construction: Solid
2.2 Insulation
2.2.1 Material: FEP
2.2.3 O.D.: 0.0425" nom
2.2.4 Color Code
  Pair 1: White/Blue
  Blue
  Pair 2: White/Orange
  Orange
  Pair 3: White/Green
  Green
  Pair 4: White/Brown
2.3 Core Assembly:
  2.3.1 4 twisted pairs cabled together to form the main core which is then jacketed with FEP and PVC inner jackets.
2.4 Jackets
2.4.1 Material: FEP/PVC/PVC
2.4.2 Inner Wall Thickness 1: 0.0218" nom
2.4.3 Inner Wall Thickness 2: 0.568" nom.
2.4.4 Outer OD: 0.95" nom.
2.4.5 Color: Black
2.4.6 Corrugated Aluminum Armor Between Jackets.
2.4.7 Markings: PAIGE GAMECHANGER CABLE™ PATENT # 10,453,589 22 AWG 4 Pair (UL) Type ITC-HL Sun Res ROHS (Ascending/Descending length marking)
2.5 Electrical Properties
2.5.1 Conductor Resistance: ≤9.38Ω/100m
2.5.2 Max DC Resistance Unbalance: ≤5%
2.5.3 Nominal Velocity of Propagation 68%
Application
GameChanger cabling is designed specifically for transmitting Power over Ethernet and IP video and control traffic. Any use other than as intended is not covered under the warranty.

Maximum transmission distance exceeds Category Rating limits, but varies with equipment and settings used. If you have any questions about the maximum recommended distance for a particular installation, please contact us.

Connectors
GameChanger cabling works with most Category 6 connectors. For best results, Paige recommends Platinum Tools ezEX connectors.

Alternate Constructions
GameChanger cabling is also available with:
- 258300336 - Plenum, Blue w/ White Stripe
- 258300310 - Plenum, White
- 258330804 - OSP (non shielded), Black
- 258340804 - OSP (Shielded), Black
- 258900804 - Class 1 D2 Black

Frequently Asked Questions
For FAQ and best practices please visit: www.paigedatacom.com/gamechanger

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