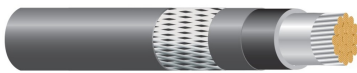


PWRT-108-L4-GRY



HELIAX® Single Conductor Power Cable, 8AWG Conductor, LSZH, L4, Gray Jacket, Cotton Braid over Insulation, Telcordia GR-347-CORE, IEC including 60674 and 60332, 105 degrees C Dry, 60 degrees C Wet

Product Classification

Regional Availability	North America
Product Type	Power cable
Product Brand	HELIAX®
Product Series	PWRT
Ordering Note	ANDREW® non-standard product

General Specifications

Cable Type	Power
Conductor Type, singles	Stranded
Conductors, quantity	1
Construction Type	Discrete power cable
Jacket Color	Gray
Jacket Color, singles	Gray
Outer Shield (Tape) Material	Opaque Mylar Tape
Supported Application	Industrial

Dimensions

Diameter Over Conductor, singles, specific	3.89 mm per 41 strands
Diameter Over Jacket	8.51 mm 0.335 in
Jacket Thickness	1.37 mm 0.054 in
Conductor Gauge	8 AWG
Conductor Gauge, singles	8 AWG

Cross Section Drawing

PWRT-108-L4-GRY



Electrical Specifications

Conductor dc Resistance	2.23 ohms/km 0.68 ohms/kft
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
Safety Voltage Rating	600 V

Material Specifications

Conductor Material	Tinned copper
Insulation Material	Overall natural cotton braid
Jacket Material	Low Smoke Zero Halogen (LSZH)
Inner Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded	68.58 mm 2.7 in
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Environmental Specifications

Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
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PWRT-108-L4-GRY

Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	FT4-ST1 VW-1
Flame Test Method	UL44
Smoke Test Method	UL44

Packaging and Weights

Cable weight	143.995 kg/km 96.76 lb/kft
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable