

PWRT-808-T



HELIAX® Remote Radio Head Power Cable, Eight conductor with shield,
8 AWG, Four Red Conductor and Four Black Conductor

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	8
Construction Type	Discrete power cable Non-armored
Drain Wire Type	Stranded
Drain Wire, quantity	1
Jacket Color	Black
Supported Application	Industrial

Dimensions

Diameter Over Jacket, nominal	24 mm 0.945 in
Diameter Over Jacket, maximum	24.6 mm 0.969 in
Jacket Thickness	1.63 mm 0.064 in
Conductor Gauge, singles	8 AWG
Drain Wire Gauge	10 AWG

Electrical Specifications

Conductor dc Resistance	2.139 ohms/km 0.652 ohms/kft
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
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dc Resistance, maximum	7.021 ohms/km 2.14 ohms/kft
Safety Voltage Rating	600 V

Material Specifications

Conductor Material	Stranded copper wire
Dielectric Material	PVC
Drain Wire Material	Tinned copper
Filler Material	Polypropylene
Insulation Material, singles	PVC
Jacket Material	PVC
Ripcord Material	Para-aramid synthetic fiber
Shield (Tape) Material	Copper, unbonded

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Cable Qualification Standards	UL 1277
Environmental Space	UV resistant for outdoor and/or direct burial installations

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable