Product Specifications
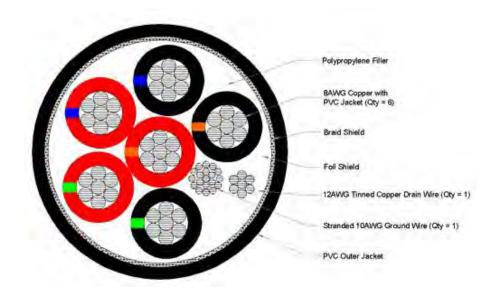
PWRT-608-S
Remote Radio Head Power Cable, 6 conductor with shield, 8 AWG (8.37 mm2)

Cross Section Drawing

- Polypropylene Filler
- 8AWG Copper with PVC Jacket (Qty = 6)
- Braid Shield
- Foil Shield
- 12AWG Tinned Copper Drain Wire (Qty = 1)
- Stranded 10AWG Ground Wire (Qty = 1)
- PVC Outer Jacket

Construction Materials

Construction Type	Non-armored
Conductor Material	Tinned copper
Dielectric Material	PVC
Drain Wire Material	Tinned copper
Filler Material	Polypropylene
Ground Wire Material	Tinned copper
Insulation Material, singles	PVC
Jacket Material	PVC
Outer Shield (Braid) Coverage	65 %
Outer Shield (Braid) Gauge	36 AWG
Outer Shield (Braid) Material	Tinned copper
Outer Shield (Tape) Material	Aluminum/Poly, non-bonded

Dimensions

Cable Weight	0.93 kg/m | 0.62 lb/ft
Diameter Over Conductor, singles	3.8608 mm per 19 strand 0.1520 in per 19 strand
Diameter Over Dielectric	6.1468 mm | 0.2420 in
Diameter Over Drain Wire	2.5700 mm per 7 strand

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	0.1012 in per 7 strand
Diameter Over Ground Wire	2.921 mm | 0.115 in
Diameter Over Jacket	20.828 mm | 0.820 in
Diameter Over Shield (Braid)	18.542 mm | 0.730 in
Jacket Thickness	1.524 mm | 0.060 in

Electrical Specifications

Conductor dc Resistance	0.67 ohms/kft | 2.21 ohms/km
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
Safety Voltage Rating	600 V

Environmental Specifications

Environmental Space	UV resistant for outdoor and/or direct burial installations
Operating Temperature	-40 °C to +90 °C (-40 °F to +194 °F)
Safety Standard	NEC Article 336 (Type TC)

General Specifications

Application	Industrial
Cable Type	Power
Jacket Color	Black
Conductor Gauge, singles	8 AWG
Conductor Type, singles	Stranded
Conductors, quantity	6
Construction Type	Discrete power cable
Drain Wire Gauge	12 AWG
Ground Wire Gauge	10 AWG
Ground Wire Type	Stranded
Jacket Color, singles	Black with co-extruded blue stripe | Black with co-extruded green stripe | Black with co-extruded orange stripe | Red with co-extruded blue stripe | Red with co-extruded green stripe | Red with co-extruded orange stripe

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system