

# PWRT-608-S/90F

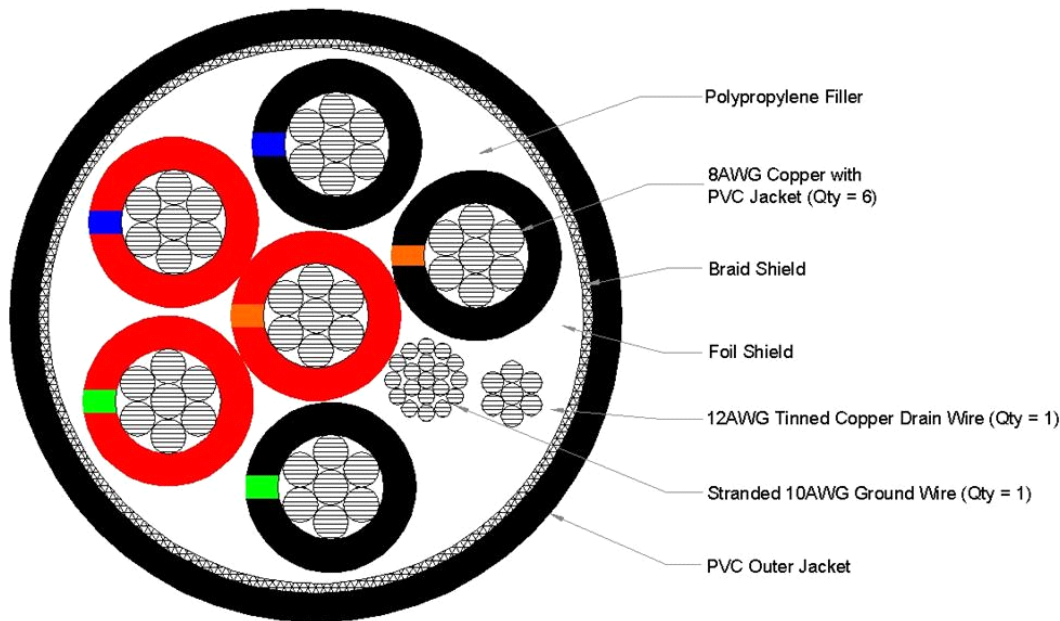


HELIAX® FiberFeed® Remote Radio Head Power Cable, 6 conductor with shield, 8 AWG (8.37 mm<sup>2</sup>), one Red and one Black conductors with Green Stripe, one Red and one Black conductor with Blue Stripe, one Red and one Black conductor with Orange Stripe

## Product Classification

<b>Portfolio</b>	CommScope®
<b>Brand</b>	FiberFeed®   HELIAX®
<b>Product Series</b>	PWRT
<b>Regional Availability</b>	North America

## Cross Section Drawing



## General Specifications

**Ordering Note** CommScope® non-standard product

## Construction Materials

<b>Construction Type</b>	Non-armored
<b>Conductor Material</b>	Tinned copper
<b>Dielectric Material</b>	PVC
<b>Drain Wire Material</b>	Tinned copper
<b>Filler Material</b>	Polypropylene

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<b>Ground Wire Material</b>	Tinned copper
<b>Insulation Material, singles</b>	PVC
<b>Jacket Material</b>	PVC
<b>Outer Shield (Braid) Coverage</b>	65 %
<b>Outer Shield (Braid) Gauge</b>	36 AWG
<b>Outer Shield (Braid) Material</b>	Tinned copper
<b>Outer Shield (Tape) Material</b>	Aluminum/Poly, non-bonded

## Dimensions

<b>Cable Length</b>	27 m   90 ft
<b>Cable Weight</b>	0.93 kg/m   0.62 lb/ft
<b>Diameter Over Conductor, singles</b>	3.8608 mm per 19 strand 0.1520 in per 19 strand
<b>Diameter Over Dielectric</b>	6.1468 mm   0.2420 in
<b>Diameter Over Drain Wire</b>	2.5700 mm per 7 strand 0.1012 in per 7 strand
<b>Diameter Over Ground Wire</b>	2.921 mm   0.115 in
<b>Diameter Over Jacket, nominal</b>	20.828 mm   0.820 in
<b>Diameter Over Shield (Braid)</b>	18.542 mm   0.730 in
<b>Jacket Thickness</b>	1.524 mm   0.060 in

## Electrical Specifications

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

## Environmental Specifications

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

## General Specifications

<b>Cable Type</b>	Power
<b>Jacket Color</b>	Black
<b>Supported Application</b>	Industrial
<b>Conductor Gauge, singles</b>	8 AWG
<b>Conductor Type, singles</b>	Stranded
<b>Conductors, quantity</b>	6
<b>Construction Type</b>	Discrete power cable

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<b>Drain Wire Gauge</b>	12 AWG
<b>Ground Wire Gauge</b>	10 AWG
<b>Ground Wire Type</b>	Stranded
<b>Jacket Color, singles</b>	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

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

