

PWRT-604-S

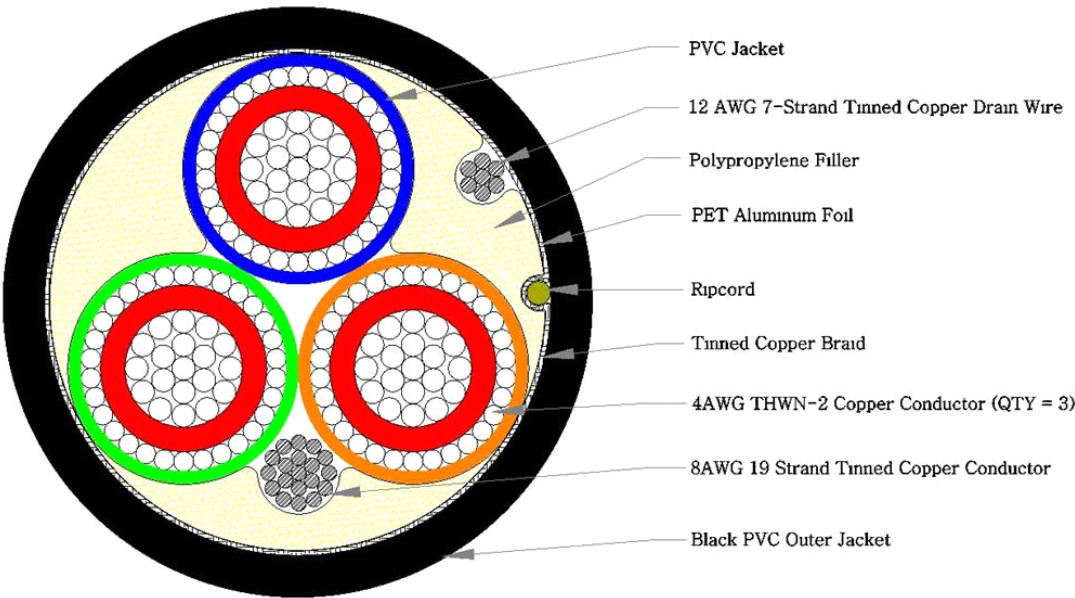


HELIAX® FiberFeed® Remote Radio Head Power Cable, 3 conductor with shield, 4 AWG

Product Classification

Portfolio	CommScope®
Brand	FiberFeed® HELIAX®
Product Series	PWRT
Regional Availability	North America

Cross Section Drawing



General Specifications

Ordering Note	CommScope® non-standard product
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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

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Outer Shield (Braid) Coverage	65 %
Outer Shield (Braid) Gauge	34 AWG
Outer Shield (Braid) Material	Tinned copper
Outer Shield (Tape) Material	Aluminum/Poly, non-bonded

Dimensions

Cable Weight	1.25 lb/ft
Diameter Over Conductor, singles, specific	0.2340 in per 19 strands
Diameter Over Dielectric	8.0772 mm 0.3180 in
Diameter Over Drain Wire, specific	2.1380 in per 7 strands
Diameter Over Ground Wire	3.607 mm 0.142 in
Diameter Over Jacket, nominal	29.439 mm 1.159 in
Diameter Over Shield (Braid)	25.171 mm 0.991 in
Jacket Thickness	2.032 mm 0.080 in

Electrical Specifications

Conductor dc Resistance	0.26 ohms/kft 0.85 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-ER)

General Specifications

Cable Type	Power
Jacket Color	Black
Supported Application	Industrial
Conductor Gauge, singles	4 AWG
Conductor Type, singles	Stranded
Conductors, quantity	3
Construction Type	Discrete power cable
Drain Wire Gauge	12 AWG
Ground Wire Gauge	8 AWG
Ground Wire Type	Stranded
Jacket Color, singles	Blue Green Orange Red

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

