DH-PFM941I-59/3-90

Coaxial Cable with Power Cable (3C)

· 90m mini RG59 coaxial cable with power cable.

· Bare copper is the conductor for the coaxial cable and power cable.

· Copper clad aluminum magnesium is the braiding material of the coaxial cable.

· Contains customized PVC outer sheath, meets the standards of RoHS 2.0 and REACH, and is CPR Eca flame retardant class certified.

· Designed with anti-interference and anti-aging capabilities.

Technical Specification

Coaxial Cable

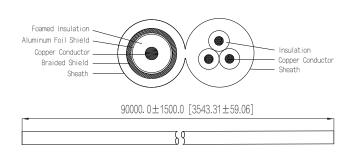|		
Conductor	Material	Oxygen-free copper
	Diameter	0.41 mm ± 0.01 mm (0.02" ± 0.0004")
	Wire Gauge	26AWG
Insulation	Material	PE foam
	Thickness	≥0.8 mm (0.03")
	Diameter	2.0 mm ± 0.2 mm (0.08" ± 0.008")
	Color	1 core (white)
Inner Shield	Material	Single-sided aluminum foil composite
	Specification	T ≥0.026 mm (0.001"), W: 8 mm ± 1 mm (0.32" ± 0.039")
	Overlap Rate	≥25%
Outer Shield	Material	Copper clad aluminum magnesium
	Specification	16 × 5/0.12 mm ± 0.01 mm (5/0.005" ± 0.0004")
	Lay Length	17 mm ± 3 mm (0.67" ± 0.12")
	Braiding Density	≥80%
Sheath	Material	PVC
	Min. Average Thickness	≥0.4 mm (0.016")
	Diameter	3.6 mm ± 0.2 mm (0.14" ± 0.008")
	Color	Black
Electrical	Max. DC Resistance of a Single Conductor	≤13.8 Ω@100 m (328.08 ft)
	Characteristic Impedance	75 Ω ± 5 Ω

Power Cable(3C)

Conductor	Material	Oxygen-free copper
	Diameter	11/0.160 mm ± 0.01 mm (11/0.006" ± 0.0004")
	Wire Gauge	0.22 mm²
Insulation	Material	PVC
	Thickness	≥0.3 mm (0.01")
	Diameter	1.25mm ± 0.05mm (0.05" ± 0.002")
	Color	3 cores (red, yellow and gray)
Sheath	Material	PVC
	Min. Average Thickness	≥0.4 mm (0.016")
	Diameter	3.6 mm ± 0.2 mm (0.14" ± 0.008")
	Color	Black
Electrical	Max. DC Resistance of a Single Conductor	≤8.4 Ω@100 m (328.08 ft)

General

Environmental	Operating Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
	Installation Temperature	0 °C to +50 °C (+32 °F to +122 °F)
	Storage Temperature & Humidity	−10 °C to +40 °C (+14 °F to +104 °F), < 60% (RH)

Packaging	Cable Length	90 m ± 1.5 m (295.28 ft ± 4.92 ft)
	Each Roll of Cable Dimensions	250 mm × 250 mm × 105 mm (9.84" × 9.84" × 4.13") (L × W × H)
	Net Weight	2.90 kg ± 0.18 kg (6.39 lb ± 0.40 lb)
	Gross Weight	2.95 kg ± 0.18 kg (6.50 lb ± 0.40 lb)
	Packaging Dimensions	547 mm × 272 mm × 278 mm (21.54" × 10.71" × 10.94") (L × W × H)
	Packaging Method	90 m/roll, 5 rolls in one package
Flame-retardant	Compliance Standard	EN 50575:2014+A1:2016
Compliance	Compliance Standard	Q/DXJ 131-2020
	Certification	CPR Eca

Ordering Information

Type	Model	Description
Siamese Cable	DH-PFM941I-59/3-90	Coaxial cable with power cable (3C)

Dimensions (mm[inch])