

DH-PFM941I-RG59N/21-300

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- 300m mini RG59 coaxial cable with power 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	CCS
	Diameter	0.81 mm ± 0.01 mm (0.03" ± 0.0004")
	Wire Gauge	20AWG
Insulation	Material	PE foam
	Thickness	≥1.4 mm (0.06")
	Diameter	3.7 mm ± 0.15 mm (0.15" ± 0.006")
	Color	1 core (white)
Inner Shield	Material	Single-sided aluminum foil composite
	Specification	T: ≥0.026 mm (0.001") W: 15 mm ± 1 mm (0.59" ± 0.039")
	Overlap Rate	≥25%
Outer Shield	Material	Aluminum-magnesium alloy
	Specification	16 × 7/0.12 mm ± 0.01 mm (7/0.005" ± 0.0004")
	Lay Length	25 mm ± 3 mm (0.98" ± 0.12")
	Braiding Density	≥80%
Sheath	Material	PVC
	Min. Average Thickness	≥0.8 mm (0.031")
	Diameter	6.0 mm ± 0.2 mm (0.24" ± 0.008")
	Color	White
Electrical	Max. DC Resistance of a Single Conductor	≤16.0 Ω @100 m (328.08 ft)
	Characteristic Impedance	75 Ω ± 5 Ω

Power Cable(2C)

Conductor	Material	CCA
	Diameter	7/0.37 mm ± 0.01 mm (7/0.015" ± 0.0004")
	Wire Gauge	0.75 mm ²
Insulation	Material	PVC
	Thickness	≥0.3 mm (0.012")
	Diameter	1.8 mm ± 0.15 mm (0.07" ± 0.006")
	Color	2 cores (red, black)
Sheath	Material	PVC
	Min. Average Thickness	≥0.6 mm (0.024")
	Diameter	3.1 mm ± 0.2 mm (0.12" ± 0.008") × 5.1 mm ± 0.2 mm (0.20" ± 0.008")
	Color	White
Electrical	Max. DC Resistance of a Single Conductor	≤4.0 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	300 m ± 1.5 m (984.25 ft ± 4.92 ft)
	Packaging Dimensions	346 mm × 346 mm × 342 mm (13.62" × 13.62" × 13.46") (L × W × H)
	Net Weight	17 kg ± 0.5 kg (37.48 lb ± 1.10 lb)
	Gross Weight	18 kg ± 0.5 kg (39.68 lb ± 1.10 lb)
	Packaging Method	300 m/box, 27 boxes/pallet
	Pallet Dimensions	1100 mm × 1100 mm × 1195 mm (43.31" × 43.31" × 47.05") (L × W × H)
Flame-retardant	Compliance Standard	EN 50575
Compliance	Compliance Standard	Q/DXJ 131-2020
	Certification	CPR Eca

Ordering Information

Type	Model	Description
Cable Series	DH-PFM941I-RG59N/21-300	Coaxial Cable with Power Cable(2C)

Dimensions (mm[inch])

