alhua
TECHNOLOGY

RG59 Coaxial Cable

- 200 m (656.17 ft) RG59 Coaxial Cable
- Over 1000 m (3280.84 ft) Transmission Distance (at 720p)
- 99.99% Oxygen-free Copper
- Cable Sheath Flame Retardant for 8 Seconds

Technical Specifications

Conductor

Material	Oxygen-free Copper (OFC)
Wire Gauge	20 AWG (0.80 mm [0.031 in.])

Insulation

Material	FPE
Diameter	3.70 mm ± 0.05 mm (0.015 in. ± 0.0002 in.)

Tape

Material	Aluminum Foil
Thickness	0.04 mm (0.0016 in.)

Braid

Material	Copper-clad Aluminum
Structure	0.12 mm (0.0047 in.) x 64 (16 x 4)

Jacket

Material	PVC
Minimum Average Thickness	0.90 mm (0.035 in.)
Diameter	6.10 mm ± 0.20 mm (0.24 in. x ± 0.008 in.)
Color	Black

General

Length	200.0 m (656.17 ft)
Mark Spacing	1.0 m (3.28 ft)
Impedance	75 Ω ± 2 Ω

Certification

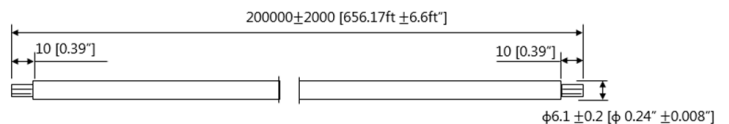|	
Wire Standard	EN 50575:2014/A1:2016

Physical Properties

Weight	6.70 kg (14.77 lb)
Packaging Weight	7.20 kg (15.87 lb)
Packaging Dimensions	662.0 mm x 337.0 mm x 467.0 mm (26.06 in. x 13.27 in. x 18.39 in.)

Environmental

Operating Temperature	−20° C to +70° C (−4° F to 158° F)
Storage Temperature	−40° C to +80° C (−40° F to 176° F)

Dimensions

200000 ± 2000 [656.17ft ± 6.6ft"]
10 [0.39"]
10 [0.39"]
$\phi 6.1 \pm 0.2$ [ϕ 0.24" ± 0.008"]

Cable Detail

- PVC Jacket
- Braid
- Aluminum foil
- FPE insulation
- Conductor