RBS TELECOM

Product Technical Specification

RG59 Coax Cable + 2DC wire

PN: 1026, 1026-F





Printing on the cable:

BoostWires 1026 RG59 75Ω & 2DC wire 001m.....100m FR

Falcon Cables 1026-F RG59 75Ω & 2DC wire 001m.....100m

Packing : 100m plastic drum*4/ctn

N.W.: 22 kgs

G.W.: 23.2kgs

Master Carton Meas: 46*23*46cm

Label on drum :



Master Carton :



Boost Wires **RBS TELECOM**

Technical Parameter

Items		Proposed Specification
PN:1026 RG59 Coaxial cable for camera with DC wire		
Center Conductor		
Copper Clad Steel		Conductivity ≤ 120 ohms/1km
Nominal Diameter		0.61 mm ±0.02mm
Dielectric : Solid PE		
Nominal Diameter Over Dielectric		3.7 mm ± 0.15mm
Shielding		
1st Shield		112*0.12±0.01mm (36AWG)Copper Clad AL-Mg wire 60% Coverage
DC Wires		
Conductor	Material	Copper Clad Aluminum
	Nominal Diameter	16*0.2mm± 0.02mm
Dielectric	Material	PE
	Color	Red & Black
	Nominal Diameter	1.6mm± 0.15mm
Jacket		
Material		PVC
NOMINAL DIAMETER OVER JACKET		(6.0+4.0mm) ± 0.15mm
Electrical Specification		
Characteristic Impedance		75 ± 3 Ω
Propagation velocity		85%

Transfer Impedance(5-30MHz)		≤5.0 mΩ
Screening attenuation(30-1000MHz)		≥85.0 dB
Return Loss	5-30MHz	≥23.0 dB
	30-470MHz	≥23.0 dB
	470-1000MHz	≥20.0 dB
Nominal Capacitance		16.2 pF/ft(53.2 pF/m)
Insulation Resistance		> 10^4 MΩ
Center Conductor Resistance@68°F(20°C)		<49.2 Ω/1000ft (161.4 Ω/km)
DC Loop Resistance		<50.8 Ω/1000ft (190.3 Ω/km)
Attenuation (A) : @ testing temperature : 20 ℃		
Frequency (MHz)		Max dB/100m (dB)
50		9.40
200		17.50
350		23.10
500		29.30
800		38.20
1000		43.30