RET Control Cable - 2 x 24AWG + 4 x 20AWG Power

Item # RET-1000

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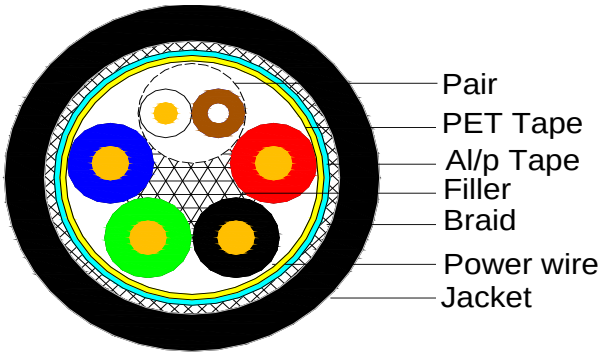
Cross Section



Characteristics

Min. Bending Radius:

Installation		8 x D
Before Aging	Tensile Strength(Mpa)	⩾13.8
	Elongation(%)	⩾100
After Aging	Tensile Strength(% of unaged)	⩾85
	Elongation(% of unaged)	⩾50
Cold Bend(-20±℃×4hrs)		No crack

Temperature Range -20~+ 75 ℃

1. Max. Conductor DC Resistance (DATA) < 87.60 ohm/km
2. Max. Conductor DC Resistance (POWER) < 2.86 ohm/km
3. Min. Insulation Resistance 5000.00 MΩ·km

Cable Description

2 x 24 AWG (1xTwisted Pair) (DATA)

Center Conductor	Stranded Bare Copper
Conductor Dia.(+/-0.02mm)	19/0.16
Insulation	HD Polyethylene
Insulation Dia.(+/-0.05mm)	1.45
Color	White / Brown

4 x20 AWG (POWER)

Center Conductor	Stranded Tinned Copper
Conductor Dia.(+/-0.02mm)	41/0.16
Insulation	HD Polyethylene
Insulation Dia.(+/-0.10mm)	1.90
Color	Red / Black / Green / Blue

Cabling

Order	See the Cross Section
Direction	Z
Wrapping	PET Mylar
1st Outer Conductor	Aluminum Foil
Overlapping	⩾ 115%
2nd Outer Conductor	Tinned Copper Braid
Conductor Dia.(+/-0.01mm)	0.12
No. of Wires	192
Coverage (+/-3%)	90
Filler	PP
Outer Jacket	PVC
Outer Dia (+/-0.30mm)	8.20

Printing
Shireen RET CONTROL CABLE 2 x 0.25mm² (24AWG) twisted pair + 4 x 0.75mm² (20AWG) Stranded + footage marking