

2x14 AWG PP 300V OFS FPLR Fire Alarm & Control Cable

POWER & CONTROL

P/N 5F141S2103

INDUSTRY

Applications

Short-range low-frequency signals, Fire alarm, Indoor



Outer Jacket Material
FR-PVC



Outer diameter
5.5 mm nom.



Weight
58 kg/km



General Construction

One twisted pair is jacketed.

Cable passes UL Riser Flame test.

Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Size (AWG)	14
Conductor Size (mm)	1.63
Conductor Construction	Solid
Insulation Material	PP
Insulation O.D. (mm nom)	2.2
Conductor Color Code	Red x Black
Binder	Polyester
Overall Shield Design	100% Coverage
Overall Shield Material	Aluminum/Polyester Foil
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-Wire Size (AWG)	22
Overall Drain-wire Construction	Solid
Total Number Of Conductors	2
Outer Jacket Thickness (mm nom)	0.5
Outer Jacket Color	Red
Marking	Per request

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Performance

Max. DC Resistance ($\Omega/\text{km}@20^{\circ}\text{C}$)	8.4
Capacitance (pF/m)	140
Mutual Capacitance - Core to Core (pF/m)	200
Inductance	0.5
Dielectric Strength (V/minute)	2000
Dielectric Strength to Shield (V/minute)	1000
Voltage Rating (V)	300
Min. Bend Radius (mm)	Dx6
Min. Operating Temperature ($^{\circ}\text{C}$)	-15
Max. Operating Temperature ($^{\circ}\text{C}$)	+75

Standards

Flammability Rating
UL CMR

Applicable Standards
RoHS 3 2015/863/EU



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