

Security Alarm Cable

UL CMR Riser Rated - 22AWG Solid

Key Features

- Riser Rated: UL CMR FT4 Rated
- Limited Lifetime Warranty
- Tangle-Proof Coil Pack
- RoHS, REACH, CE

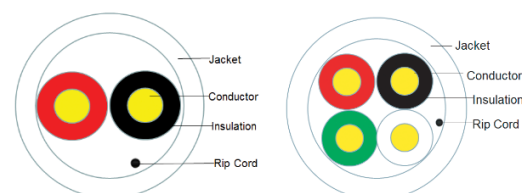
Description

2 or 4 conductor, 22 AWG Solid BC, UL CMR PVC Jacket Coil Pack 500 ft

Applications

SCPs Security Wire Coil Packs are very popular with installers because they are easier to work with than boxes or reels. These security wire coil packs come in 22 AWG with either 2 or 4 solid bare copper conductors in 500 or 1000 ft lengths. SCP Security Wire Coil Packs are tangle-proof, take up less space, and because there is no box or spool, there is less waste and clean-up after the job.

Installation of our Security Wire Coil Packs saves time when pulling multiple wires. Because the wire pulls through the middle of the coil pack, installers can stack the coil packs and pull multiple wires in parallel for faster installation. SCP Security Wire Coil Packs with solid conductor are available in 10 different PVC jacket colors. Our security wire coil packs are great for security, alarm, and control installations. All of our security wire coil packs are UL and Riser Rated.



Construction

Conductor	Material	Bare Copper	Rip Cord	Yes, Nylon	
	Solid/Stranded	Solid			
	Size	1x0.62mm (22 AWG)			
	Insulation Material	CMR PVC			
	Insulation OD Avg.	1.03mm			
	Color Code	Pr1: Black, Red; Pr2: Green, White			
	Twisted Pair	YES			
	Insulated Conductor OD	0.62mm			
	Lay Length	31mm			
	Twists per foot/meter	3.3meter			
Shielding/Screen	Type	Unshielded	Jacket/Sheath	Material	CMR PVC
	Material	na		Nominal Jacket Thickness	0.38mm
				Color Code	Per Request
			Overall Cable Diameter (OD)	1pair: 2.82mm	
				2pair: 3.25mm	

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1pair: 14mm; 2pair: 16mm
	Min Bend Radius (Operation)	1pair: 20mm; 2pair: 22mm
Insulation Tensile Strength	Unaged / Elongation %	200
	Aged / Elongation %	160
Jacket/Screen Tensile Strength	Unaged / Elongation %	200
	Aged / Elongation %	160
Cable Cold Bend (-20°C for 4 hrs)	No Crack	

Standards Reference

Manufactured in Accordance to: UL 444, UL 13, NEC Article 725, RoHS, REACH, CE

North America Installation Rating: Riser Type UL CMR cUL FT4 ; NEC Type CL3R/CL2R 75°C

EU (EMEA) Installation Rating: -

Environmental Compliance

RoHS Compliant: RoHS II/III, EU/UK RoHS
REACH, WEEE Directive, WFD:2023, SCIP:2023, POPs (EU) No 2019/1021

California Prop 65 Warning – California Residents Only
WARNING: This Product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov

Electrical Characteristics

DC Resistance (at 20°C)	54.3 ohm/km	Maximum Current (25°C)	-
Insulation Resistance (at 20°C)	-	Rated Voltage	Insulated - 300V
Mutual Capacitance	1pair: 12.2 pF/ft ; 2pair: 21 pF/ft		Operating Low Voltage - 80V
Impedance	87 Ohms	Test Voltage Between Conductors	2.5kv/2s
Inductance	1pair: 1,1 mH/km; 2pair: 1.6 mH/km		

Environmental Parameters

Temperature Range - Operating	-20°C to 75°C (-4°F to 167°F)	Temperature Range - Storage	0°C to 40°C (32°F to 104°F)
Temperature Range - Installation	0°C to 40°C (32°F to 104°F)		

Cable Jacket Markings

STRUCTURED CABLE PRODUCTS - - - P/N 22/2SOL - - - (UL) CL3R E198137 (UL) C(UL) CMR UNSH 1/PR 22 AWG - - - ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 RoHS

STRUCTURED CABLE PRODUCTS - - - P/N 22/4SOL - - - (UL) CL3R E198137 (UL) C(UL) CMR UNSH 2/PR 22 AWG - - - ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 RoHS

Above jacket markings are an example for reference purposes. All SCP jacket markings include descending feet or meter markings and our industry leading zone and outlet legend for easy cable identification during installation.

Part Numbers

Item No.	UPC	Jacket Color	Package Length	Package Type	Package Weight (lb/kg)	Item Dimensions (mm)
North America:						
22/2SOL-COIL-BE	810070011901	Beige	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-BL	810070011918	Blue	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-BN	810070011925	Brown	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-GN	810070011932	Green	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-GY	810070011963	Gray	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-OR	810070011949	Orange	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-WT	810070011970	White	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/2SOL-COIL-WT-1000	810070011987	White	1000ft/305m	Coil Pack	7.4/3.4	240*110*60
22/2SOL-COIL-YL	810070011956	Yellow	500ft/152m	Coil Pack	3.7/1.7	240*110*30
22/4SOL-COIL-BE	810070012236	Beige	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-BK	810070018108	Black	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-BL	810070012267	Blue	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-BN	810070012243	Brown	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-GN	810070012274	Green	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-GY	810070012281	Gray	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-OR	810070012298	Orange	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-WT	810070012229	White	500ft/152m	Coil Pack	6.3/2.9	240*110*55
22/4SOL-COIL-YL	810070012311	Yellow	500ft/152m	Coil Pack	6.3/2.9	240*110*55

SCP has made every reasonable effort to ensure the accuracy of the information in this document. SCP reserves the right to modify or change information herein at any time without notice due error correction, specification changes, ongoing technical developments, and/or any reason. SCP disclaims all representations or warranties, whether express, statutory or implied regarding the information contained herein. Under no circumstance will SCP be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever. Dimensions and weights are for reference purposes only and are subject to change. Regulatory information is for guidance purposes only. All warranty information is available can be viewed at www.scpca5e.com © 2025 Structured Cable Products (SCP). All rights reserved.