

Security Alarm Cable

UL CMR Riser Rated - 22AWG Stranded

Key Features

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

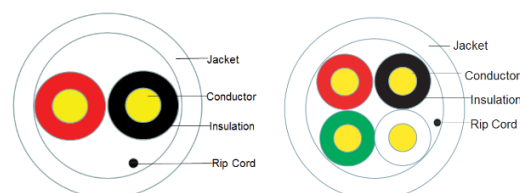
Description

2 or 4 conductor, 22 AWG Stranded 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	Stranded			
	Size	7x0.245mm	Drain Wire	none	
	Insulation Material	CMR PVC	Jacket/Sheath	Material	CMR PVC
	Insulation OD Avg.	1.03mm		Nominal Jacket Thickness	0.38mm
	Color Code	Pr1: Black, Red; Pr2: Green, White		Color Code	Per Request
	Twisted Pair	YES	Overall Cable Diameter (OD)	1pair: 3.08mm	
	Insulated Conductor OD	0.735mm		2pair: 3.45mm	
	Lay Length	35mm			
Twists per foot/meter	3meter				

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	1Pair: 15mm 2Pair: 17mm
Insulation	Min Bend Radius (Operation)	1Pair: 21mm 2Pair: 23mm
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

Rev. 0826

Electrical Characteristics

DC Resistance (at 20°C)	55.4 ohm/km	Maximum Current (25°C)	-
Insulation Resistance (at 20°C)	5MΩ/KM	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 22/2 - - - (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 22/4 - - - (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:						
22/2COIL-BE	817777010107	Beige	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-BK	810070019136	Black	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-BL	810070011680	Blue	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-BN	810070011697	Brown	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-GN	810070011703	Green	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-GY	810070011710	Gray	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-OR	810070011727	Orange	500ft/152m	Coil Pack	4/1.85	240*110*30
22/2COIL-WT	810070011628	White	500ft/152m	Coil Pack	8.1/3.7	240*110*30
22/2COIL-WT-1000	810070011666	White	1000ft/305m	Coil Pack	4/1.85	240*110*60
22/2COIL-YL	810070011734	Yellow	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-BK	817777012965	Black	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-BL	810070012557	Blue	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-BN	810070012564	Brown	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-GN	810070012571	Green	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-GY	810070012588	Gray	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-OR	810070012595	Orange	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-WT	810070012540	White	500ft/152m	Coil Pack	6.5/2.95	240*110*55
22/4COIL-YL	810070012601	Yellow	500ft/152m	Coil Pack	6.5/2.95	240*110*55