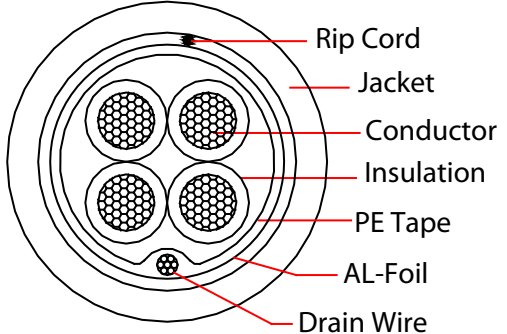


Rev.	Description	Date
A		01-2021

RoHS

Cross Section



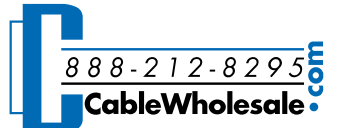
Product Specifications

Construction & Material :

Item		Specifications
Product		CM Shielded Security/Alarm Wire
Conductor	Construction	Stranded 4 x18AWG(16/0.254+/-0.004mm)
	Material	Bare Copper
Insulation	Material	PVC
	Avg.thickness	0.25mm
	Diameter	1.7± 0.05 mm
	Color	Black, Red, White and Green
Wrap	Material	PE Tape
Drain	Construction	24AWG(7/0.20+/-0.004mm)
	Material	Tinned Copper
Shield	Material	AL-Foil
Jacket	Material	PVC
	Min.Thickness	0.45 mm
	Avg.thickness	0.50 mm
	Diameter	5.50± 0.10 mm
	Rip Cord	Nylon
	Color	Gray
Marking	STRUCTURED CABLE PRODUCTS --- 18/4SH --- Exxxxxx SCP3 (UL) C(UL) CMR 4C 18AWG STRANDED OXYGEN FREE COPPER SHIELDED - PVC JKT EN50575:2014 CE Eca EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXFEET	

PART NO.	Length	Packaging Type	Weigth
10K5-54212MH	1000FT	Spool	18.12kgs/39.948 lbs
10K5-54212SF	500FT	Pullbox	9.41kgs/20.745 lbs

Characteristics	
Operating Temperature Range	- 20°C + 75°C
Minimum installation temperature	0°C + 40°C
Conductor Resistance(18AWG)	Max 22.8ohm/km at 20°C
18AWG Core/Core Capacitance	130±25 pf/m
18AWG Core/Screen Capacitance	250±50 pf/m
Dielectric Strength	Min AC1.5KV
Rated Voltage	300V
Test Voltage	800V/min

Item Number:	10K5-54212xx	
Title:	Shielded Security/Alarm Wire, Gray, 18/4 (18AWG 4 Conductor), Stranded, CM / Inwall rated	
Drawn by:	JL	
Approved by:	MAC	
ID:	123	

No.	Specifications
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