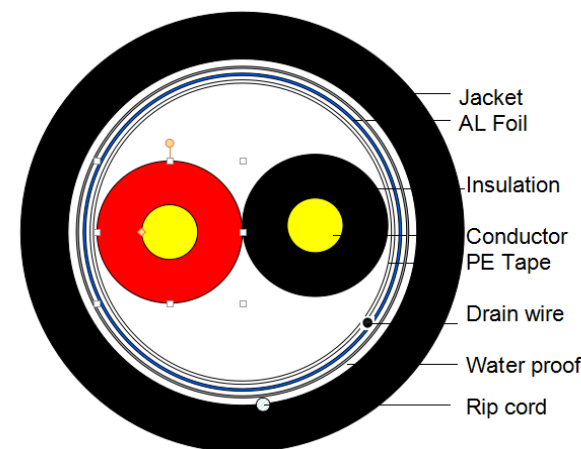


### Construction Characteristics

Conductor	Material	Stranded Bare Copper
	Size	18AWG X 2C
	Construction	16/0.254+/-0.004mm
Insulation	Material	PVC
	Min.Thickness	0.24mm
	AVG.Thickness	0.26mm
	Diameter	1.70+/-0.05mm
	Colors	Black & Red
Shield	Core wrap	PE Tape
	Drain wire(TC)	7/0.20+/-0.004 mm
	Shield	AL Foil
	Filler	Water proof
Jacket	Material	LLDPE
	AVG.Thickness	0.60mm
	Min.Thickness	0.54mm
	Diameter	5.40+/-0.20mm
	Rip Cord	Nylon
	Color	Black

RoHS



Rev.	Description	Date
A		02-2023

#### Standard:

NEC Article 760 & NEC Article 725

#### Marking:

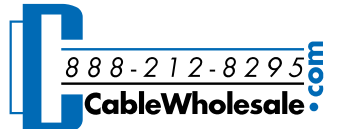
STRUCTURED CABLE PRODUCTS --- 18/2SHDB ---2 COND 18 AWG STRANDED SHIELDED LLDPE JKT OUTDOOR/DIRECT BURIAL --- CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 \*\*\*FEET

#### Packaging:

Approx.Wight(kg)	Approx.Dimension(mm)	Package	Packages per pallet
12.00	360X160X160	1000ft/Spool	54

### Electrical & Physical Characteristics:

Operating Temperature Range		- 20°C + 70°C	
Conductor Resistance(18AWG)		Max 22.8ohm/km at 20°C	
Dielectric Strength		Min AC 1.5KV	
Rated Voltage		Max 300Volts	
Insulation PVC	Unaged	Tensile Strength	13.8Mpa
		Elongation	100%
	Aged	Tensile Strength	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)
Jacket	Unaged	Tensile Strength	9.8Mpa
		Elongation	100%
	Aged	Tensile Strength	9.2Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

Item Number:	10K5-6222MH		
Title:	Direct Burial Shielded Security/Alarm Wire, Black, 18/2(18AWG 2 Conductor), Stranded, WBT/LLDPE Jacket, Spool, 1000 foot		
Drawn by:	JL		
Approved by:	MAC		
ID:	123		

No.	Specifications
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