

Product Catalog

Royal® STOW



Conductors:	18 - 10 AWG Stranded Bare Copper
Jacket:	PVC
Insulation:	PVC
Jacket Color:	Yellow or Gray
Sample Legend:	COLEMAN CABLE 12-3 STOW (UL) 600V CSA LL39753 12-3 STOW 60C FT1 WATER RESISTANT
Color Code:	2/C Black, White 3/C Black, White, Green 4/C Black, White, Red, Green

Features:

A firm compact cylindrical cord cabled for maximum flexibility and roundness per UL 62. Easy to remove jacket rated -20°C to 60°C PVC. cords provide excellent abrasion, ozone, and chemical resistance. Oil resistant PVC jacket.

Applications:

NEC Article 400 and associated articles. Federal Military use under JC-580B. Portable power distribution. Push button remote controls. Motor control, stage equipment and lighting. Industrial control and robotic systems. Portable cord for outdoor applications. Applications requiring flame retardance. Suitable and approved for submersion in water.

Industry Approvals:

UL Listed and CSA approved 600V STOW cable to NEC Article 400. Meets Federal Specification #JC-580B.

Part Number	Size	Type	Strands	Nominal O.D.	Weight Per/Mft	Amps *
20037	14/3	STOW	41/30	0.53	155	18
20025	18/2	STOW	16/30	0.34	57	10
20035	18/3	STOW	16/30	0.345	76	10
20045	18/4	STOW	16/30	0.395	89	7

20026	16/2	STOW	26/30	0.375	68	13
20036	16/3	STOW	26/30	0.39	90	13
20046	16/4	STOW	26/30	0.42	103	10
20056	16/5	STOW	26/30	0.497	133	
20027	14/2	STOW	41/30	0.505	123	18
20047	14/4	STOW	41/30	0.575	184	15
20028	12/2	STOW	65/30	0.565	184	25
20038	12/3	STOW	65/30	0.6	206	25
20048	12/4	STOW	65/30	0.65	254	20
20029	10/2	STOW	104/30	0.625	208	30
20039	10/3	STOW	104/30	0.66	273	30
20049	10/4	STOW	104/30	0.715	345	25

* Ampacity based on NEC Table 400-5(A) with a 30°C ambient temperature.

Note:

105°C constructions of STOW/SJTOW and STOOW/SJTOOW are available upon request. Contact the factory for minimum run requirements.

The ampacity chart is provided for engineering information only. Coleman Cable cannot recommend or express the use of these ampacities since the exact application may need approval from the authority having local jurisdiction. Above information is subject to engineering changes.



PRODUCT DATA SHEET

Controlled Document - Engineering Drive



PART NUMBER: 20037
DESCRIPTION: 14/3 STRANDED TYPE STOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors cabled with fillers and an overall jacket.
APPROVALS: UL Standard 62, CSA 22.2 No. 49, NEC Article 400.
APPLICATION: 600V Portable Oil and Water Resistant Outdoor Flexible Power Cable

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	41/30
Insulation Material	PVC
Insulation Thickness	0.046" Nom.
Insulated Conductor Diameter	0.166" Nom.
Number of Conductors	3
Lay Length	2.00" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	PVC
Jacket Thickness	0.083" Nom.
Overall Cable Diameter	0.525" Nom.
Approximate Cable Weight	162.0 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

Electrical Properties:

Temperature Rating	-20°C to 60°C
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	2.58 Ohms/1M' Nom.

Insulation Colors	Black White Green
Jacket Color	Yellow or Gray (Other colors available for minimum order - consult factory)
Legend (Indent Print)	 CCI ROYAL  E54864 14-3 STOW (UL) 600V CSA LL39753 12-3 STOW 60C FT1 WATER-RESISTANT

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

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