



## Description:

4-conductor rubber jacket, 300V, 60°C, paper tape separator, smooth jacket, style 4097, color code: black, white brown, red.

## Physical Characteristics (Overall)

### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	18	41x34	TC - Tinned Copper

### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.018

### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
Rubber	.036

### Overall Cabling

**Overall Cabling Fillers:** Jute

**Overall Cabling Color Code Chart:**

Color
Black
White
Brown
Red

**Overall Cabling Separator Material:** Paper Tape

**Overall Nominal Diameter:** 0.265 in.

## Mechanical Characteristics (Overall)

**UL Temperature Rating:** 60°C

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

**AWM Specification:** 4097

**EU CE Mark:** Yes

**EU Directive 2000/53/EC (ELV):** Yes

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 10/13/2005

## 8454 Portable Cordage - UL/CSA Types: SVT, SO

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

### Surface Printing (Overall)

Surface Printing: "BELDEN 8454 (UL Logo) AWM 4097"

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

##### Voltage

300 V RMS

#### Max. Recommended Current:

##### Current

5.6 Amps per conductor @ 25°C

Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8454 010U1000	1,000 FT	52.000 LB	BLACK		4 #18 EPDM SBR
8454 010U500	500 FT	26.500 LB	BLACK		4 #18 EPDM SBR
8454 010100	100 FT	5.800 LB	BLACK		4 #18 EPDM SBR
8454 0101000	1,000 FT	54.000 LB	BLACK	C	4 #18 EPDM SBR
8454 010500	500 FT	25.000 LB	BLACK	C	4 #18 EPDM SBR

#### Notes:

C = CRATE REEL PUT-UP.

### 3-, 4- and 5-Conductor

UL/CSA Type: SVT, SO

UL AWM Styles: 4097 and 4256

Description	Part No.	Standard Lengths		Standard Unit Weight		Jacket Color	Conductor AWG (stranding)	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal OD	
		Ft.	m	Lbs.	kg			Inch	mm	Inch	mm	Inch	mm

**3-Conductor SVT PVC Jacket • Shielded • Smooth Jacket • 22 AWG Drain Wire (7x30) • UL/CSA Listed**

**300V, 60°C Shielded • Beldfoil® Shield (100% Coverage) • International Color Code: Light Blue, Brown, Green/Yellow**



19401	250 <sup>†</sup>	76.2	12.3	5.6	Black	18 (42x34) BC	.018	.46	.043	1.09	.270	6.86
	1000 <sup>††</sup>	304.8	49.0	22.3								

**300V, 60°C Shielded • Duofoil® Shield (100% Coverage) • Braid (88% Coverage) • Internat'l Color Code: Light Blue, Brown, Green/Yellow**



19403	250 <sup>†</sup>	76.2	17.8	8.1	Black	18 (42x34) BC	.018	.46	.038	.97	.307	7.80

**4-Conductor Rubber Jacket • Smooth Jacket • Style 4097**

**300V, 60°C • Paper Tape Separator • Color Code: Black, White, Brown, Red**



8454*	100	30.5	5.8	2.6	Black	18 (41x34) TC	.018	.46	.036	.91	.265	6.73
	U-500	U-152.4	27.0	12.3								
	500	152.4	25.0	11.3								
	U-1000	U-304.8	52.0	23.6								
	1000	304.8	54.0	24.5								

**4-Conductor SO Oil-Resistant Rubber Jacket • Smooth Jacket • UL/CSA Listed**

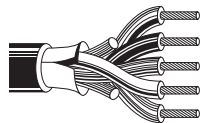
**600V, 90°C • Paper Tape Separator • Color Code: Black, White, Green, Red**



19217	50	15.2	10.1	4.6	Black	14 (41x30) BC	.048	1.22	.087	2.21	.603	15.32
	200	60.9	43.6	19.8								
19216	50	15.2	17.2	7.8	Black	12 (65x30) BC	.051	1.30	.102	2.59	.690	17.53
	200	60.9	61.8	28.1								

**5-Conductor Rubber Jacket • Smooth Jacket • Style 4256**

**300V, 60°C • Paper Tape Separator • Color Code: Brown, Green, White, Black, Red**



8455*	250	76.2	12.0	5.4	Black	3-20 (26x34) TC	.018	.46	.031	.79	.280	7.11
	U-500	U-152.4	25.5	11.6								
	U-1000	U-304.8	50.0	22.7								
					2-18 (41x34) TC							

BC = Bare Copper • TC = Tinned Copper

\*Not CSA recognized.

<sup>†</sup>Put-ups may contain more than one piece. Minimum length of any one piece is 50 ft.

<sup>††</sup>1000 ft. put-up one piece exact.