

Winchester Interconnect High-Flex Variable Frequency Drive (VFD) Cables

Primary (See Table Below)

Bare Copper
Polyester Elastomer Insulation

Color Code:
1-3. Black with White Printed Numbers; 4. Green / Yellow

Overall Cable

Primaries Required: 4
FR-Fibrillated Polypropylene Filler
Aluminum (Out) / Polyester Tape, 25% Overlap

Braided Shield

36 AWG Tinned Copper, 85% Coverage (For OD Range .051" - .300")
34 AWG Tinned Copper, 85% Coverage (For OD Range .301" - 1.00")

Jacket

Duralon™
Wall Thickness & Final Diameter (See Table Below)
Color: Black
Print Legend (White Ink): E135238 XX AWG 4/C (UL) Type TC-ER 600V 90°C FT4 or WTTC 1000V 90°C or
AWM 20626 --- c(UL) AWM I/II A/B 600V 90°C --- Reduced Diameter VFD High Flex Cable - RoHS

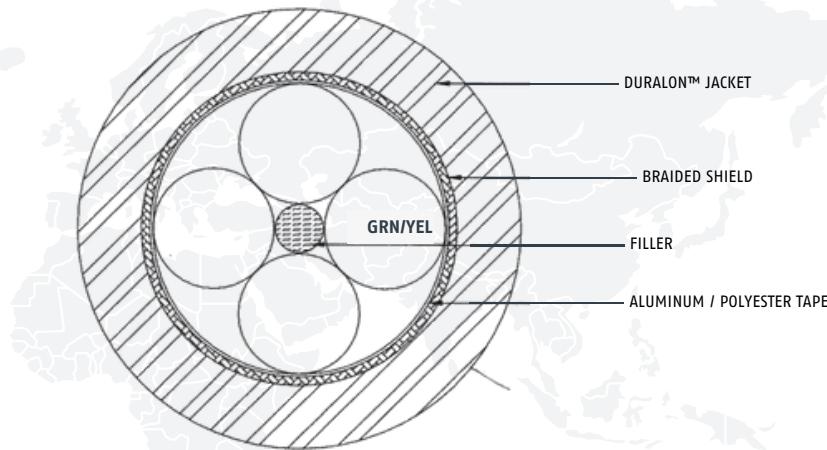
Note: TC-ER and c(UL) AWM are approved for all AWG sizes except 2 AWG and 4 AWG

Industry Standard Requirements

RoHS Compliant per European Union Directive 2002/95/EC

Safety Certifications

UL Listing: Flexible Motor Supply TC-ER 600V / WTTC 1000V 90°C FT4,
c(UL) AWM 90°C DRY



Part #	Primary			Jacket	
	AWG & Stranding	Wall	OD	Wall	Nom. OD
99850	2 (7x7x34/34)	.035"	.410"	.100"	.122" ± .050"
99851	4 (7x3x50/34)	.035"	.325"	.100"	.101" ± .035"
99852	6 (19x35/34)	.025"	.265"	.080"	.832" ± .030"
99853	8 (7x59/34)	.025"	.217"	.080"	.716" ± .020"
99854	10 (7x37/34)	.020"	.172"	.080"	.607" ± .020"
99855	12 (7x24/34)	.015"	.132"	.080"	.510" ± .015"
99856	14 (105/34)	.015"	.102"	.080"	.438" ± .012"
99857	16 (65/34)	.015"	.089"	.080"	.407" ± .012"

*Tested to 20 million cycles

*Corona tested for high voltage capabilities

When ordering the Product, use the individual part number followed by a -1 (i.e. xxxxx-1 = 1 Pair) or -2 (i.e. xxxxx-2 = 2 Pair) to indicate preferred construction type.