

Tray & VFD Cables

VFD XLPE 2KV TR

Variable frequency drive - shielded VFD cable with three ground wires, 2 kV
Type TC-ER



Marking for VFD XLPE 2KV TR 8692103:

SAB NORTH AMERICA P/N 8692103 2/0 AWG/3/C RHW-2 2000V 3x6 AWG GNDS Shielded Type TC-ER SUN RES DIR BUR

Construction:

Conductor:	uncoated annealed copper strands acc. to ASTM B-3 and B-8
Insulation:	special formulated crosslinked PE
Color code:	black conductors with numbers with three ground wires
Stranding:	in layers with three uninsulated bare ground wires in the filler
Shielding:	uncoated 5mil copper tape shield with 50% overlap
Jacket material:	special sunlight resistant and flame retardant PVC
Jacket color:	black (RAL 9005)

Outstanding features:



- interconnection of variable frequency drive control device to variable frequency motors
- RHW-2: UL standard 44
- TC-ER: UL standard 1277
- IEEE 1202/FT4
- three bare ground wires for optimal performance
- Class 1 Div 2 per NEC Article 501.4 (B)

Technical data:

Voltage:	(UL): 2000 V
Testing voltage:	7500 V
Min. bending radius:	15 x O.D.
Temperature range:	(UL): up to +90°C -25°C
<i>static:</i>	
Burning characteristics:	(UL) FT4 / IEEE 1202
Sunlight resistance:	yes
Moisture resistance:	yes
Exposed runs:	yes
Direct burial:	yes
Approvals:	UL TC-ER, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	AWG/c kcmil/c	ground wire n x AWG	nominal outer-ø		cable weight ≈lbs/mft
			inch 10%	mm 10%	
▶ 8690203	1/3c	3x8	1.266	32.2	1465
▶ 8691103	1/0-3c	3x6	1.384	35.2	1822
▶ 8692103	2/0-3c	3x6	1.476	37.5	2130
▶ 8693103	3/0-3c	3x5	1.582	40.2	2650
▶ 8694103	4/0-3c	3x4	1.800	45.7	3251
▶ 8692503	250/3c	3x2	1.978	50.2	3760
▶ 8692513	250/3c	3x4	1.835	46.6	3720
▶ 8693503	350/3c	3x2	2.130	54.1	5025
▶ 8695003	500/3c	3x1	2.402	61.0	6805

Other dimensions and colors are possible on request.