VFD XLPE 2KV TR: Shielded VFD cable rated for 2 KV with 3 symmetrical grounds

VFD XLPE 2KV TR has an XLPE insulation for improved capacitance for longer installations. It has 3-symmetrical grounds to perform in VFD applications where increases in voltage such as Common Mode Current (CMC) can occur. VFD XLPE 2KV TR has a copper tape shield for 100% protection against EMI and RFI.

NEW

TECHNICAL DATA:

Voltage:	UL:	2000V
Temperature:	UL:	up to +90°C
	static	-25°C
Burning Characteristics:	UL FT4	
Color code:	black #'d conductors with green/yellow ground	

CONSTRUCTION:

Conductor:	Class B bare copper stranding
Insulation:	specially formulated XLPE
Screen:	5 mil copper tape with 50% overlap
Jacket:	special sunlight and oil resistant black PVC

OUTSTANDING FEATURES:

- XLPE insulation for excellent capacitance values
- 3 symmetrical grounds for better common mode current flow
- Sun Res and Direct Burial approved
- Copper tape shield (50% overlap) for premium EMI & RFI protection
- UL TC-ER
- RoHS

P/N	AWG/C	Ground	nominal OD-Ø		Cable weight	Amperage†		Maximum Horse Power Rating*		
			inch	mm	lbs/mft	75°C	90°C	230V	460V	575V
8690203	1/3c	3 x 8	1.266	32.2	1465	130	150	40	75	100
8691103	1/0-3c	3 x 6	1.384	35.2	1822	150	170	50	100	125
8692103	2/0-3c	3 x 6	1.476	37.5	2130	175	195	60	125	150
8693103	3/0-3c	3 x 5	1.582	40.2	2650	200	225	60	150	150
8694103	4/0-3c	3 x 4	1.800	45.7	3251	230	260	75	150	200
8692513	250-3c	3 x 4	1.835	46.6	3720	255	290	75	150	200
8693503	350-3c	3 x 2	2.130	54.1	5025	310	350	100	200	250
8695003	500-3c	3 x 1	2.402	61.0	6805	380	430	125	250	350

P/N	EMC-2 EMC connector			EMC-2 EMC connector		
	NPT	PG	Metric	NPT	PG	Metric
08690103		EP2-42	EP2-50C	EN4-1 1/2	EP4-42	EP4-50
08691103		EP2-42	EP2-50C	EN4-1 1/2	EP4-42	EP4-50
08692103		EP2-48	EP2-63	EN4-2	EP4-48	EP4-63
08693103		EP2-48	EP2-63	EN4-2	EP4-48	EP4-63
08694103						EP4-63C
08692513						EP4-63C
08693503						
08695003						

Table shows recommended cable glands. Other thread sizes may be available. Refer to EMC gland pages at the end of this brochure.

† Allowable ampacities are based on not more than three current carrying conductors in a raceway, cable, or direct buried and an ambient temperature of 30°C (2011 NEC Table 310.15(B)(16))

* Maximum Horse Power rating represents the largest HP motor the AWG is recommended for based on horse power (HP) and the full load current (FLC) x 125% per NEC Art. 430-122 (A). Amperes (FLC) were determined from NEC Art. 430-250.

Cord Grips available. See back page for more information.