

VFD Plus

Inverter, connection to frequency converters, UV Resistant,
UL 2277 WTTTC 1000 V, UL 1277 TC-ER 600 V 90°C Dry or 90°C Wet



Construction:

- Bare Copper Conductor Cl. 5 Acc. to IEC 60228, DIN VDE 0295 and UL Standard 83
- 18AWG-16AWG - PVC Insulation
- 14AWG and larger - XLPE Insulation
- Black Cores with Continuous White Numbering + Green/Yellow Ground
- Individual Screen over signal pair: Aluminum Tape + PETP Foil and 85% Tinned Copper Braid
- Overall Screen: Aluminum Tape + PETP Foil and 85% Tinned Copper Braid
- Black PVC Jacket (Similar to RAL 9005)

Technical:

- UL 1277 TC-ER 600V
- UL 2277 WTTTC/ Flexible Motor Supply 1000V
- IEC 600/1000V
- UL Up to 90°C
- Fixed temp: -40°C to +105°C
- Flexing temp: -5° C to +105° C
- Min Bending Radius
 - Fixed 6 x OD
 - Flexing 20 x OD

Resistance / Features:

- Flame Retardant & Self Extinguishing Acct. to UL FT4/IEEE 1202 and UL 1685
- UV Resistant Acc. to EN 50396 and HD 605 A1, UL 1581
- Outdoor Use
- Oil-Resistant According to UL Oil Res I and Water Resistant, UL 90° C Dry or Wet
- ACC. to NFPA 79 2007 and NEC 336.10(7) Class 1, DIV.2 Art.336, 392, 501
- RoHS and CE Approval

Part Number	AWG	Power Cores incl. Ground	Signal Pair AWG	Nominal OD (in)	Nominal OD (mm)	CU LBS/MFT	WT LBS/MFT
91514048	14	4	18	0.608in	15.2mm	136	229
91512048	12	4	18	0.660in	16.5mm	180	284
91514046	14	4	16	0.630in	15.7mm	150	246
91512046	12	4	16	0.680in	17.0mm	194	302
91510046	10	4	16	0.720in	18.0mm	245	360
91508046	8	4	16	0.912in	22.8mm	367	568
91506046	6	4	16	1.000in	25.0mm	529	748
9151404	14	4	14	0.638in	16.2mm	163	257
9151204	12	4	14	0.697in	17.7mm	207	310
9151004	10	4	14	0.744in	18.9mm	264	324
9150804	8	4	14	0.913in	23.2mm	384	515
9150604	6	4	14	1.012in	25.7mm	545	708
9150404	4	4	14	1.138in	28.9mm	789	992
9150204	2	4	14	1.268in	32.2mm	1058	1297
9150104	1	4	14	1.504in	38.2mm	1494	1843
9152104	2/0	4	14	1.720in	43.7mm	2037	2483

