



VFD Cable

(Variable Frequency Drive)

Description

Sycor's VFD cable stands for Variable Frequency Drive, which is a type of adjustable-speed drive that's used in electro-mechanical drive systems. The VFD cable is resistant to oil, solvents, chemicals, abrasion and fuels, additionally making the VFD very durable for harsh applications.

Construction

Stranded copper conductor
 XLPE insulation
 Copolymer jacket
 Double sided aluminum foil tape, 25% polyester overlap
 Tinned copper braid, 85% coverage; over foil tape
 Fibrillated Polypropylene Filler

Approvals

UL 2277 - 1000 volts RMS Type TC-ER
 UL1277 - 600 volt RMS motor supply cable, WTTC
 UL 44 / UL1581
 ICEA S-73-532/NEMA WC-57
 ICEA S-95-658/NEMA WC-70
 NEC Article 336 - ER
 Permitted for use in Class 1 Division 2 for hazardous areas
 WTTC rated
 Flame Tests: UL1277, UL1685, UL1581 VW-1, IEEE 1202

Temperature Rating

-40°C to 90°C

Application

Sycor's VFD cable is designed for moderate to light applications, in tight difficult locations. Being flexible and very resistant, this cable is very durable against outside weathering, which is why VFD cables are typically used for wind turbines. Sycor's VFD cables are able to last for an extensive amount of time without maintenance, because typical applications are often very difficult to reach.

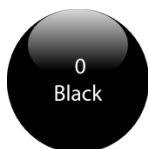
Voltage Rating

UL2277 - 1000 volts
 UL1277 - 600 volts



Sycor Part No	NOM. Cond.	AWG	Stranding	Insulation Thickness	Drain wires	NOM O.D	Net Weight (lb/1000ft)
VFD1626TCER	4	16	26/30	0.045"	1	0.535"	164
VFD1441TCER	4	14	41/30	0.045"	1	0.575"	229
VFD1265TCER	4	12	65/30	0.045"	1	0.630"	247
VFD10105TCER	4	10	105/30	0.045"	1	0.721"	354

Colour Codes



Value Added Services



Cutting

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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