PV CABLE

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RT-UL11627

Serise

TECHNICAL PARAMETERS

AWG	(NO./mm)/ (±0.008)	Dia.(mm)	Nom.Thick (mm)	Dia.(mm)	COND.RESISTANCE (Ω/KM20°C)	SAFE CURRENT (A/30°C)	DIELECTRIC TEST (AC V/min)
26	7/0.161TS	0.48 (Ref)	0.76	2.1±0.10	150	3	5000
24	11/0.161TS	0.61 (Ref)	0.76	2.2±0.10	94.2	5	5000
22	17/0.161TS	0.76 (Ref)	0.76	2.4±0.10	59.4	8	5000
20	21/0.178TS	0.94 (Ref)	0.76	2.6±0.10	36.7	10	5000
18	63/0. 127TS	1.17 (Ref)	0.76	2.8±0.10	23.2	15	5000
16	105/0.127TS	1.49 (Ref)	0.76	3.1±0.15	14.6	21	5000
14	168/0.127TS	1.87 (Ref)	0.76	3.5±0.20	8.96	28	5000
12	259/0.127TS	2.36 (Ref)	0.76	4.0±0.20	5.64	40	5000
10	413/0.127TS	3.00 (Ref)	0.76	4.7±0.20	3.546	57	5000
8	665/0.127TS	4.29 (Ref)	1.14	6.7±0.25	2.23	82	5000
6	1050/0.127TS	5.40 (Ref)	1.52	8.6±0.25	1.403	111	5000
4	1666/0. 127TS	6.80 (Ref)	1.52	10.0±0.30	0.8820	151	5000
2	2646/0.127TS	8.60 (Ref)	1.52	11.8±0.35	0.5548	200	5000
1	3332/0.127TS	9.60 (Ref)	2.03	13.8±0.40	0.4398	240	5000
1/0	4214/0. 127TS	10.77 (Ref)	2.03	15.1±0.50	0.3487	275	5000
2/0	5292/0.127TS	12.19 (Ref)	2.03	16.5±0.50	0.2766	310	5000
3/0	6783/0.127TS	13.71 (Ref)	2.03	18.0±0.50	0.2194	365	5000
4/0	8512/0.127TS	15.14 (Ref)	2.03	19.6±0.50	0.1722	420	5000

CONDUCTOR MATERIAL	TINNED STRANDED COPPER	
INSULATION MATERIAL	PVC (RoHS2. O&REACH)	
COLOR	PER REQUEST	
ELECTRICAL CAPABILITY	OPERATING TEMPERATURE(°C)	105
	INSU. RESISTANCE(MΩ/KM°C)	10
	DIELECTRIC TEST(V)	5000

RATED TEMPERATURE	105°C	RATED VOLTAGE	2000V
ENVIRONMENTAL STANDARDS	ROHS2.0&REACH	REFERENCE STANDARDS	UL758-2021

PHYSICAL CHARACTERS	AGING TEST		TENSILESTRENGTH(MIN)	ELONGATION (MIN)
	INSULATION	UNAGED	10.3MPa	100%

MARKING	E3476039 AWM 11627 **AWG 105°C 2000V VW-1 C AWM I A **AWG 105°C 2000V FT1 TRIUMPHCABLE	(** Represents the wire number)

CONSTRUCTION FIGURE

