



UL 2586 Multiple-Conductor Shielded or Unshielded Cable

105°C 600Vac, Lead Free PVC insulation



PRODUCT DESCRIPTION

Conductors	Tinned or bare stranded copper
Insulation	Polyvinyl chloride (PVC)
Filler	Optional
Shield	Al-mylar
Braid	Tinned solid copper
Jacket	Polyvinyl chloride (PVC)
Certificate	RoHS and Reach compliant
Use	Internal wiring of appliances.

Flame compliant	VW-1 and FT1
Temperature Rating	
Rated temperature	105°C
Operation temperature	-20°C ~+105°C
Storage & shipping	-20°C ~+40°C
Rated Voltage	600V

Marking

AWM 2586 XXAWG VW-1 105°C 600V

E77981 WONDERFUL-D CSA AWM I/II A FT1 105°C 600V

LL43774 -F--LF-

Note: XX AWG is conductor size

PRODUCT CONSTRUCTION

No. of cores	Conductors		Insulation		Braid Shield	Jacket		Packaging	Max. DC Resistance at 20°C / Ω/Km
	AWG	No. /AWG	Thickness (mm)	Diameter (mm)	No. /AWG	Thickness (mm)	Diameter (mm)		
2C	14	41/30	0.76	3.50±0.15	N.A	0.76	8.70±0.20	76.25m/Coil	8.96
2C	16	26/30	0.76	3.10±0.15	16/9/37	0.76	8.50±0.20	76.25m/Coil	14.6
2C	18	34/33	0.76	2.75±0.15	N.A	0.76	7.20±0.20	76.25m/Coil	23.2
2C	20	26/34	0.76	2.50±0.15	N.A	0.76	6.70±0.20	152.5m/Coil	34.6
3C	12	65/30	0.76	4.00±0.15	N.A	0.76	10.30±0.25	76.25m/Coil	5.64
3C	14	41/30	0.76	5.10±0.15	N.A	0.76	16.30±0.25	76.25m/Coil	8.96
3C	18	34/33	0.76	2.75±0.15	N.A	0.76	7.70±0.20	76.25m/Coil	23.2
3C	22	7/30	0.76	2.30±0.15	N.A	0.76	6.60±0.20	152.5m/Coil	59.4
4C	12	65/30	0.76	4.00±0.15	N.A	0.76	12.20±0.25	76.25m/Coil	5.64
4C	14	41/30	0.76	3.50±0.15	16/9/37	0.76	10.80±0.25	76.25m/Coil	9.34
4C	16	26/30	0.76	3.10±0.15	N.A	0.76	11.00±0.25	76.25m/Coil	14.6
4C	18	34/33	0.76	2.75±0.15	16/8/37	0.76	8.30±0.20	76.25m/Coil	23.2
4C	22	7/30	0.76	2.30±0.15	N.A	0.76	7.20±0.20	76.25m/Coil	59.4

Remark

The conductor shall be bare copper, Solid Copper and Top-coated copper etc in accordance with customer's requirements