

Building Wire

600V, Single-Core, THHN/THWN
 Aluminium Conductor, Lead-Free PVC Insulated, Polyamide Sheathed Cable
 AL/PVC/NYLON



tel (65) 6367 0107 fax (65) 6365 2963
www.keystone-cable.com



Standard Reference UL 83-2008

Application :	This cable is primarily used in cable tray installation, wire ways, conduits, service entrance, feeders & branch circuits for permanent installations, ideal for power lighting installations in residential, commercial & industrial regions
Construction :	Aluminium alloy compact stranded to AA 8000 series, Lead free Polyvinyl Chloride compound insulated, Polyamide (Nylon) compound sheathed cable
Insulation colour :	Blue or As Per Order
Operating Temperature :	THHN - 90°C dry and damp THWN - 75°C wet or in oil

Conductor			Insulation	Approx. Overall Dia.	Approx. Weight
Size	Nominal Area	Stranded Dia.	Thickness		
(AWG or Kcmil)	(mm ²)	(mm)	(mm)	(mm)	(kg/km)
2	30	6.2	1.02	9.5	133
1	38	7.0	1.27	11.0	173
1/0	50	8.3	1.27	11.4	214
2/0	70	9.3	1.27	12.5	258
3/0	85	10.4	1.27	13.7	314
4/0	100	11.7	1.27	15.0	383
250	125	12.7	1.52	16.6	462
300	150	13.9	1.52	17.9	544
350	175	15.0	1.52	19.1	621
400	200	16.1	1.52	20.1	700
500	250	18.0	1.52	22.1	852
600	300	19.7	1.78	24.5	1038
700	350	21.3	1.78	26.1	1192
750	380	22.0	1.78	26.9	1268
900	450	24.1	1.78	29.1	1495
1000	500	25.4	1.78	30.5	1647