



Description

Single copper conductor with 600 Volt, XLPE insulation.

Specifications

UL UL 44

Ratings

Type RHH/RHW-2
CT USE (1/0 AWG and Larger)
VW-1
Sunlight Resistant

UL UL 854

Type USE-2

ICEA ICEA S-95-658

FED Federal Specification JC-30B

IEEE IEEE 383 Flame Test (1/0 AWG and Larger)

For 90°C Wet or Dry Operation.



Design Parameters

Conductor

- Single conductor, annealed Class B Compressed concentric copper stranded per ASTM.

Insulation

- High quality, tough, heat resistant and moisture resistant thermosetting cross-linked polyethylene insulation.

Options

- Compact Conductor

Installations

Isolated in Air

Conduit in Air

Underground Duct

Industrial

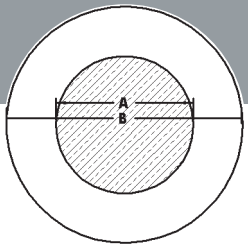
Direct Buried

Wet Locations

Dry Locations

Underground Service Entrance

In Cable Tray



TYPE RHH/RHW/USE-2 CT-RATED

600 Volt

Product Number	Conductor	Insulation Thickness (mils)	Conductor Diameter (in.)		Overall Diameter (in.)	Cable Weight (lbs./kft)	† Ampacity (Amps)	
			(A)	(B)			Raceway or Directly Buried	In Free air
600 Volt Copper								
QØ182AA	8 AWG CU	60	0.143	0.27	75	55	80	
QØJ82AA	6 AWG CU	60	0.180	0.31	110	75	105	
QØK82AA	4 AWG CU	60	0.226	0.36	160	95	140	
QØM82AA	2 AWG CU	60	0.284	0.42	250	130	190	
QØO82AA	1 AWG CU	80	0.324	0.50	310	150	220	
QØQ82AA	1/0 AWG CU	80	0.364	0.54	390	170	260	
QØR82AA	2/0 AWG CU	80	0.408	0.58	480	195	300	
QØS82AA	3/0 AWG CU	80	0.458	0.63	590	225	350	
QØT82AA	4/0 AWG CU	80	0.515	0.69	730	260	405	
QØU82AA	250 MCM CU	95	0.561	0.77	880	290	455	
QYZØ38A	300 MCM CU	95	0.614	0.80	1007	320	505	
QØV82AA	350 MCM CU	95	0.664	0.87	1200	350	570	
QØW82AA	500 MCM CU	95	0.794	1.00	1680	430	700	
QØX82AA	750 MCM CU	110	0.974	1.21	2520	535	885	
QØY82AA	1000 MCM CU	110	1.124	1.35	3330	615	1055	

Information Subject to Change without Notice.

PRODUCT NOTES:

▲ Items are Prysmian authorized stock.
The above dimensions are approximate and subject to normal manufacturing tolerances.

†Ampacities are based on the following:

In Raceway or Directly Buried (NEC Table 310-16): Not more than three current-carrying conductors, 90°C conductor temperature, and 30°C ambient temperature.
In Free Air (NEC Table 310-17): Single-insulated conductor, 90°C conductor temperature, and 30°C ambient temperature.

In Cable Tray (NEC Article 318-11): For single-conductor cables installed in accordance with NEC Article 318-9, ampacities shall not exceed the allowable ampacities stated in NEC Table 310-17.

