A brand of the Prysmian Group

600 Volt TYPE RHH/RHW-2/USE-2 CT-RATED

Low Voltage Building Wire

Description

Single copper conductor with 600 Volt, XLPE insulation.

Specifications	Ratings
U L- UL 44	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
- Underground Duct
- Direct Buried
- Dry Locations
- In Cable Tray
- Conduit in Air
- Industrial
- Wet Locations
- Underground Service Entrance

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104C 2013-05-30

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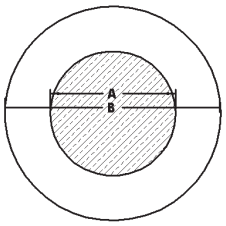

Product Number	Conductor	Insulation Thickness (mils)	Conductor Diameter (in.) (A)	Overall Diameter (in.) (B)	Cable Weight (lbs/kft)	† Ampacity (Amps) Raceway or Directly Buried	† Ampacity (Amps) In Free Air
600 Volt Copper							
Q0I82AA	8 AWG CU	60	0.143	0.27	75	55	80
Q0J82AA	6 AWG CU	60	0.180	0.31	110	75	105
Q0K82AA	4 AWG CU	60	0.226	0.36	160	95	140
Q0M82AA	2 AWG CU	60	0.284	0.42	250	130	190
Q0O82AA	1 AWG CU	80	0.324	0.50	310	150	220
Q0Q82AA	1/0 AWG CU	80	0.364	0.54	390	170	260
Q0R82AA	2/0 AWG CU	80	0.408	0.58	480	195	300
Q0S82AA	3/0 AWG CU	80	0.458	0.63	590	225	350
Q0T82AA	4/0 AWG CU	80	0.515	0.69	730	260	405
Q0U82AA	250 MCM CU	95	0.561	0.77	880	290	455
QYZ038A	300 MCM CU	95	0.614	0.80	1007	320	505
Q0V82AA	350 MCM CU	95	0.664	0.87	1200	350	570
Q0W82AA	500 MCM CU	95	0.794	1.00	1680	430	700
Q0X82AA	750 MCM CU	110	0.974	1.21	2520	535	885
Q0Y82AA	1000 MCM CU	110	1.124	1.35	3330	615	1055

PRODUCT NOTES:

s 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.

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