

Description

Single copper conductor with 2kV, cross-linked polyethylene (XLPE) insulation.

Specifications

UL UL 44

ICEA ICEA S-95-658

FED Federal Specification JC-30B

For 90°C Wet or Dry Operation.

Ratings

Type RHH/RHW-2



Design Parameters

Conductor

- Class B Compressed concentric strand soft drawn annealed copper per ASTM.

Insulation

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

Options

- Compact Conductor
- Series 8000 aluminum conductor

Installations

 Isolated in Air

 Underground Duct

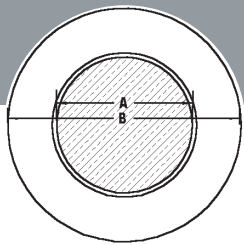
 Direct Buried

 Dry Locations

 Conduit in Air

 Industrial

 Wet Locations



TYPE RHH/RHW-2

2kV

Product Number	Conductor	Insulation Thickness (mil)	Conductor Diameter (in.)		Outside Diameter (in.)	Cable Weight (lbs./kft)		† Ampacity (Amps)	
			(A)	(B)		Raceway or Directly Buried	In Free air		
2kV Copper									
Q2182ØA	6 AWG CU	70	0.180	0.33	110	75	105		
Q2282ØA	4 AWG CU	70	0.226	0.38	160	95	140		
Q2482ØA	2 AWG CU	70	0.284	0.43	245	130	190		
Q2682ØA	1 AWG CU	90	0.324	0.51	315	150	220		
Q2882ØA	1/0 AWG CU	90	0.364	0.55	390	170	260		
Q2982ØA	2/0 AWG CU	90	0.408	0.60	480	195	300		
Q2A82ØA	3/0 AWG CU	90	0.458	0.65	595	225	350		
Q2B82ØA	4/0 AWG CU	90	0.515	0.70	735	260	405		
Q2C82ØA	250 MCM CU	105	0.561	0.78	875	290	455		
QYZØ71A	300 MCM CU	105	0.614	0.83	1035	320	505		
Q2D82ØA	350 MCM CU	105	0.664	0.88	1200	350	570		
QYZØ72A	400 MCM CU	105	0.710	0.93	1360	380	615		
Q2E82ØA	500 MCM CU	105	0.794	1.01	1680	430	700		
QYZØ73A	600 MCM CU	120	0.870	1.12	2025	475	780		
Q2F82ØA	750 MCM CU	120	0.974	1.22	2510	535	885		

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.