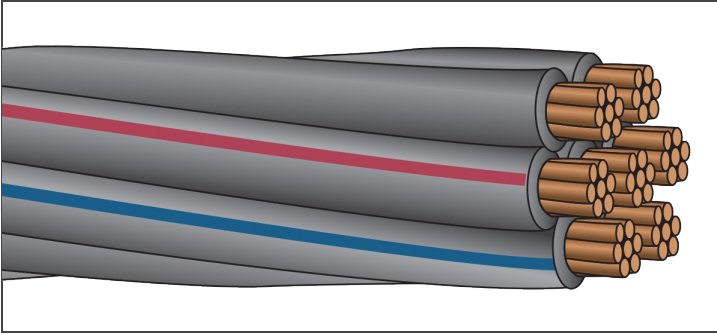


## TWISTED CABLE



## 400 Hz USE-2, RHW-2 or RW90 1,000 Volt Copper



ISO 9001:2015



### Description:

Multiple soft drawn copper conductors, stranded and insulated with chemically crosslinked polyethylene (*type RHW-2 or RW90*), twisted in a six-around-one construction and phase identified per customer specifications. Rated for 1kV.

### Application:

Suitable for use as a power source for mainframe computers, TV and radio station output power supply, aircraft ground power supplies at airport terminals, plus many other applications. Lowers overall impedance of circuit, using multiple smaller conductors, which minimize voltage drop, a critical factor for 400 Hz computer power.

### Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*)  
B-787 (*combination unilay*)  
UL 44 and UL 854  
ICEA S-95-658/NEMA WC-70  
Cold Temperature Rated at -40°C  
Sunlight Resistant  
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')
HZ1K4/7K2NS	4	7	60	1.05	1,112
HZ1K2/7K2NS	2	7	60	1.21	1,697
HZ1K1/7K2NS	1	19	80	1.43	2,188
HZ1K1/07K2NS	1/0	19	80	1.55	2,736
HZ1K2/07K2NS	2/0	19	80	1.69	3,392
HZ1K3/07K2NS	3/0	19	80	1.83	4,212
HZ1K4/07K2NS	4/0	19	80	2.01	5,245
HZ1K250/7K2NS	250	37	95	2.20	6,160
HZ1K350/7K2NS	350	37	95	2.49	8,470
HZ1K500/7K2NS	500	37	95	2.87	11,907

*Ampacity is derated due to the fact that this is a multi-conductor assembly. NOTE: The data shown is approximate and subject to standard industry tolerances.*