

### Technical Specification

**Cable Type: Rigid NYY Cables - Single Conductor**  
**Type 0.6/1 KV NYY Solid or Stranded Copper Conductor PVC Insulation & Jacket**

**Western Wire Series: WPCE**

**Revision: 03/02 Date: 20 November 2002**







Single Rigid Wires Type 0.6/1 KV NYY, conforming to VDE 0276, IEC 60502 and BS 6346.  
 Solid or stranded copper conductor insulated and jacketed with PVC, for power supply in permanent underground and outdoor installations.

### Cable Construction

Conductor	Solid or stranded annealed bare copper conductors, conforming to ASTM B3
Insulation	PVC compound, colored per request.
Outer jacket	PVC compound, colored black.
Surface marking	Per request.

### Electrical Parameters

Maximum Operating Temperature	70C
Maximum short circuit temperature	160C for 5 S max.
Voltage Rating	0.6/1 KV

WW P/N	Construction and Cross Section N x mm <sup>2</sup> Nominal	Conductor Construction	DC Resistance @20C Ohm/Km Maximum	Overall Diameter mm Nominal	Total Weight Kg/Km Nominal	Ampacity			
						Amperes			
						Nominal			
						Underground @ 20C		In Air @ 30C	
									
WPCE1X4	1 x 4	Solid	4.61	8.1	101	-	-	45	37
WPCE1X6	1 x 6	Solid	30.8	8.6	125	-	-	57	48
WPCE1X10	1 x 10	Stranded	1.83	9.8	176	-	-	78	66
WPCE1X16	1 x 16	Stranded	1.15	10.9	243	127	107	103	89
WPCE1X25	1 x 25	Stranded	0.727	12.2	340	163	137	137	118
WPCE1X35	1 x 35	Stranded	0.524	13.4	444	195	165	169	145
WPCE1X50	1 x 50	Stranded	0.387	14.7	594	230	195	206	176
WPCE1X70	1 x 70	Stranded	0.268	16.6	795	282	239	261	224
WPCE1X95	1 x 95	Stranded	0.193	18.8	1057	336	287	321	271
WPCE1X120	1 x 120	Stranded	0.153	20.4	1300	382	326	374	314
WPCE1X150	1 x 150	Stranded	0.124	22.7	1620	428	366	428	361
WPCE1X185	1 x 185	Stranded	0.0991	25.1	1990	483	414	494	412
WPCE1X240	1 x 240	Stranded	0.0754	28.1	2554	561	481	590	484
WPCE1X300	1 x 300	Stranded	0.0601	31.1	3168	632	542	678	549
WPCE1X400	1 x 400	Stranded	0.0470	35.2	4168	730	624	817	657