

**Cable Type: Rigid Steel Armored Cables
Type 0.6/1 KV NYRY Solid or Stranded Copper Conductor PVC Insulation, Filler & Jacket Galvanized Steel Wire & Tape Armor**

Western Wire Series: WPCH

Revision: 02/02 Date: 27 November 2002



Three or four Conductor Rigid Cables Type 0.6/1 KV NYRY, conforming to VDE 0271 and IEC 60502. Stranded copper conductor, PVC insulation & filler, galvanized round served steel wire and helical galvanized steel tape armor covered with PVC jacket, for heavy-duty 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.
Filler	PVC compound.
First layer armor	Round galvanized served steel wires.
Second layer armor	Helical galvanized steel tape. (Option: Plastic tape available upon 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	Conductor Construction	DC Resistance @20C	Overall Diameter	Total Weight	Ampacity	
			Ohm/Km	mm	Kg/Km	Amperes	
	Nominal		Maximum	Nominal	Nominal	Underground @ 20C	In Air @ 30C

3-conductor cables

WPCH3X015	3 x 1.5	Solid	12.1	14.3	382	25	18
WPCH3X025	3 x 2.5	Solid	7.41	15.1	444	34	24
WPCH3X04	3 x 4.0	Solid	4.61	17.0	578	44	33
WPCH3X06	3 x 6.0	Solid	3.08	18.1	681	55	43
WPCH3X10	3 x 10	Stranded	1.83	20.7	915	74	59
WPCH3X16	3 x 16	Stranded	1.15	23.0	1195	98	80

4-conductor cables

WPCH4X015	4 x 1.5	Solid	12.1	15.0	430	25	18
WPCH4X025	4 x 2.5	Solid	7.41	16.5	510	34	24
WPCH4X04	4 x 4.0	Solid	4.61	18.2	667	44	33
WPCH4X06	4 x 6.0	Solid	3.08	19.4	797	55	43
WPCH4X10	4 x 10	Stranded	1.83	22.3	1085	74	59